

DRAFT 3

**Educational Specifications for
Van Ness Elementary School
336 capacity**

December 2014

DRAFT

Background

Van Ness is located in Southeast Washington, D.C. in an area known as the Navy Yard. Bound by the Anacostia River, Interstate 394 and South Capital St. the area has been through many transformations.

Van Ness Elementary opened in 1956 when the Navy Yards was coming off its all-time high of 26,000 employees. Over the next 30 years, the Navy consolidated to a smaller campus and the neighborhood began to decline. By the late 1990's, the community was targeted for a major redevelopment. Anticipating the loss of all of the feeder neighborhoods, DCPS closed Van Ness in 2005. At the time, DCPS acknowledged that the school may be reopened when the new housing was completed.

Over the past nine years the Van Ness building has housed DCPS offices for a variety of offices within the Office of Specialized Instruction (Related Services, Early Childhood Education, Assistive Technology) and Office of Programs and Grants. This project is to reopen Van Ness initially as an early learning center. Each year, the school will add a grade through grade 5. The final capacity will assume two classes per grade and a capacity for 380 students.

Scope

Phase one of the modernization (open 8/2015) will include reopening the school for

- 2 classrooms for Pre-kindergarten age 3
- 2 classrooms for Pre-kindergarten age 4-5
- 2 classrooms for Kindergarten

As the school gradually opens as an elementary school, it is assumed that the youngest students may need to be relocated to a neighboring community center or to an addition.

In addition to the classrooms, the first year, the school will need at a minimum

- Welcome center and administrative offices including health room
- Kitchen and dining facilities for the PS and PK students (80 students)
- Indoor play and assembly space
- Parent center (may be temporary)
- ECE appropriate outdoor play spaces.

The architect may show an addition in the future.

Classroom Requirements**Capacity**

Grade	Number of	Capacity
	Classrooms	
Pre-Kindergarten - 3	2	32
Pre-Kindergarten -4	2	40
Kindergarten	2	40
1 st -2nd Grade	4	80
3 rd - 5 th Grade	6	144
Total		336

Overview of Planning Concepts

Core Instructional Spaces

The youngest children will be located on the first and second floors to the extent feasible. Initially, the ground floor rooms will house all early childhood classrooms.

Instructional Methods

Instructional methods vary with grade level, but maintain continuity from early childhood through the primary, intermediate, and middle grades. Predominant elements include:

- Integrated learning, where content areas cross disciplines
- Flexible groupings
- Mentoring of older to younger students
- Extended day learning opportunities
- Parent involvement and volunteer activities

Special Education

Special education facilities will be integrated throughout the school to support the concepts of inclusion and the specialized requirements for the students. Special attention will be given to accessibility of all facilities and an integrated learning program. All classes will allow for inclusion of students with special needs.

“Welcome Area”/Administration/Student Services

The front entry lobby should be welcoming and inviting for students, staff, and visitors of all ages and abilities. Display systems should be provided for 2-dimensional and 3-dimensional student work and awards. Finishes should be durable and easy to maintain. The scale of all spaces should be child-friendly. Colors, artificial lighting, and natural daylighting should be managed artfully to create an environment that communicates that school is a very special place.

Visitors should be greeted by a security counter/desk where they will sign-in and show identification. For additional security, it is preferable that the welcome center be able to see visitors coming through the front entrance as well. The primary administrative offices will be located in this centralized area at the main entrance to the school.

Media Center

The library is the heart of most schools and it should be a special place for reading, storytelling, and sharing. It should be centrally located to the PK-Grade 5 students.

The media center serves a dual role – its traditional role as a gathering place for research and learning and a new role as a technological information base. In its new role, the media center may house a transparent voice/video/data network, which runs throughout the entire building. This network enables the transmission of media services to the desktops of teachers and students without physically entering the media center.

Visual Arts and Performing Arts

The art and music classrooms will be shared by all grade levels for general class and small group instruction. The location and access to these rooms should promote orderly transitions.

Physical Education

To support the physical education program, a variety of indoor and outdoor areas are required. Indoor play space will also be used as a performance area. Initially, the school will have a dining and multi-purpose space.

Furniture & Equipment

Classrooms vary in shape and size; therefore, the furniture should be flexible to accommodate a variety of classroom formats for both individual and group activities. Teachers and students should have storage space for personal belongings, papers, books, supplies, and teaching materials.

To the extent possible, movable furnishings will be used, rather than fixed casework, to provide flexibility for future reconfiguration.

The Early Childhood Division will provide exact specification for all ECE furniture that is required for 2015-2016.

Technology

The facility will contain the latest in technology and be wired for voice, data, and video throughout the building. It is intended that access to technology will be seamless and pervasive throughout the building.

Every classroom will be wired for teacher audio enhancement. Research into this cutting-edge technology suggests that student learning can improve in classrooms where the teacher's voice is amplified and the classroom acoustics are designed to support voice clarity.

DCPS is moving to on-line testing. Approximately 1/3 of the students in Grades 2-5 should be able to test at one time. For Van Ness 60 students must be able to work for up to 4 hours using wired and wireless access. The media center should provide 25 locations. Additional locations may be the music and art rooms. All locations will need additional electrical outlets.

Handicapped Accessibility

The entire facility will be accessible for students, staff, and visitors. This will be accomplished through judicious use of ramping and elevators with sufficient internal clearances for circulation, convenient bus/van loading and unloading, and nearby handicapped parking spaces. All elements of the Americans with Disabilities Act must be complied with, including wayfinding and signage, appropriate use of textures, and universal accessibility of all indoor and outdoor school facilities.

Site

The site circulation will be organized for safety and efficiency. This will be accomplished through careful separation of vehicular and pedestrian traffic. All play areas will be protected from vehicular and pedestrian traffic, so students can be assured of a safe and secure environment on the entire school site.

Performance Criteria

Lighting Quality: Improving natural and artificial lighting in classrooms

	DESIGN PARAMETERS	PARAMETER NOTES
1) Controlled Natural Lighting (Glazing)	10 - 12% of floor S.F.	LEED & Green Globe
2) Artificial Light	35-50 Foot-candles	IES
3) Lighting Power Density	0.99 Watts/S.F. or less	ASHRAE 2010 & CHIPS

Environmental / Air Quality: Addressing temperature control, ventilation, air filtration, carbon dioxide levels, and HVAC background noise to ensure comfortable rooms.

	DESIGN PARAMETERS	PARAMETER NOTES
1) Winter Temperature	68.5 to 75.5 degrees	EPA 2000 & ASHRAE 55-04
Summer Temperature	74 to 80 degrees	
2) Humidity	30 % to 60% relative humidity	EPA 2000 & ASHRAE 55-04
3) Air Changes	6-10 per hour	ASHRAE
4) Outdoor Air Ventilation	10CFM per person	Plus 0.12 per SF of area
5) Air Filtration	MERV 13	LEED
	MERV 6 to 8	ASHRAE 52.2-2007 & 62.1-2007
6) Carbon Dioxide Levels	Below 700 PPM above outdoor air	ASHRAE 62.1-2007
7) HVAC Background Noise Level	RC(N) Mark II level of 37	ASHRAE Handbook Chapter 47

Acoustics: Limiting reverberation and background noise and improving sound isolation.

	DESIGN PARAMETERS	PARAMETER NOTES
1) Reverberation	.6 per second	(ANSI S12.60-2002)
2) Background Noise	45 dBA	(LEED)
3) Sound Isolation (Varies)	STC 45 between Classrooms	

DCPS Educational Specifications**Van Ness Elementary School**

Technology: Providing data connections for online learning resources, AV equipment, closed-circuit televisions, and a sound system with emergency capabilities.

	DESIGN PARAMETERS	PARAMETER NOTES
1) Data / Computer Drops	At Teacher and Student Computers, at wireless access points	
2) Audio / Video Equipment		
Projector linked to Teacher's PC		
or		
Interactive Whiteboard		
Sound Reinforcement	Amplifier, microphone, speakers	
3) Clock	Synchronized with Bell system	
4) Sound System & Emergency Call-box		
Ceiling or Wall Speaker	Class change bells, emergency announcements	
5) CCTV Camera (TBD)		
Security, WebX conferencing, Distance Learning		

Sustainability: Build for energy efficiency

	DESIGN PARAMETERS	PARAMETER NOTES
1) Building EUI	20% below Baseline	ASHRAE 2010
2) Building Envelope	Meet or exceed R-value standards for building type	ASHRAE 90.1 2010
3) Water	Ultralow flow fixtures	ASHRAE 90.1 2010

Safety & Security

DCPS wants to maintain an inviting and de-institutionalized environment, while simultaneously providing a safe environment for students, staff, and community who use the facility and adjacent support services. The organization of a building will have a major impact on student behavior and safety concerns. Building security can be addressed in an active or a passive manner: active security is based on security systems; passive security is based on program design, building configuration, and community participation. Schools should be based on passive concepts with applied active concepts where necessary.

1. Building Layout

- Avoid blind spots, corners, and cubby holes
- Locate administrative and teacher preparation with good visual contact of major circulation areas (i.e., corridors, cafeteria, bus drop-off, parking)
- Develop spatial relationships that naturally transition from one location to another
- Locate toilets in close proximity to classrooms
- Design toilets to balance the need for privacy with the ability to supervise
- Locate areas likely to have significant community (after school) use close to parking and where these areas can be closed off from the rest of the building

2. Types of Building Materials

- Use durable wall surfaces that are easy to clean so graffiti can be removed
- Incorporate pitched roofs which inhibit roof entry and are aesthetically pleasing
- Operational part of windows on the ground floor should be in the upper portion to prevent access.
- Install non-slip floors and walk-off mats at point of entry
- All doors will have locks on the inside.

3. Uses of Technology

- Phones in every instructional and support area
- Building-wide all-call designed to be heard throughout the school and on the play fields when needed
- Motion or infra-red detectors, which can also conserve lighting costs
- Video cameras that are used for instructional purposes could also be used for security purposes during non-school hours
- CO2, Smoke and heat detectors located throughout the building

4. Landscaping, Play/Practice Fields, Site, and Lighting

- Use native high trees and low bushes (less than three feet high) to deter hiding
- Use aesthetically pleasing fencing around perimeter of the building
- Non-intrusive lighting of all areas (not correctional-type lighting) according to the Light Pollution Credit in LEED-Ss with no lighting to leave property line
- Provide security lighting around building and parking lots with photocell timer, motion sensor and on/off capacity

Energy and Environmental Design

All DCPS school projects must be LEED certified. School buildings should be a teaching tool to teach environmental stewardship and awareness, while simultaneously providing an engaging environment for students, staff, and community who use the facility. The organization, understanding and use of a building will have a major impact on student and staff conservation behavior.

The sustainable design and green features of the building can be addressed in an active or a passive manner: active interaction is based on digital displays, educational features and curriculum integrated learning about environmental issues; passive interaction is based on the program design, building configuration, green building features, and energy efficient building automation.

Passive Concepts

1. Building Layout

- Concentrate daylight and views to the outside to areas of frequent human interaction (e.g. classrooms, cafeterias, media center, art rooms, music) with passive solar design
- Avoid excessive window areas in corridors, lobbies, hallways with no gathering opportunities (design for less than 45% of wall area)
- Avoid skylights and use roof monitors with vertical glazing instead

2. Types of Building Materials

- Use durable wall surfaces that are easy to clean
- Design for cleanability with easy and safe access
- Incorporate light colored pitched roofs to prevent heat gain and leakage
- Install high performance walk-off mats at all points of entry
- Design with noise minimization in mind

3. Uses of Technology

- For instructional and administrative purposes, the new school should have extensive technology systems. These same infrastructures and technology components can be used to enhance the perception of the buildings environmental components.
- Website with environmental features of the school
- Use only vacancy sensors for classrooms, cafeteria etc. to turn off (not on) lighting
- Daylight sensors and dimming in larger areas (cafeteria, multi-purpose etc.)

4. Vehicular and Pedestrian Traffic

- Provide sufficient, covered and secure bicycle storage
- Provide bicycle lanes to building from all major access directions

5. Landscaping, Play/Practice Fields, Site, and Lighting

- Use native high trees and low bushes and ground covers and locate to provide shade to the building
- Non-intrusive lighting of all areas (not correctional-type lighting) according to the Light Pollution Credit in LEED-S with no lighting to leave property line

6. Green Curriculum

- Provide outdoor classroom if possible
- Design interior with sense of buildings orientation to North – East – South - West

Active Concepts**1. Building Layout**

- Provide signage to educate users about interior and exterior green building features throughout
- Provide signage for user behavior modification, e.g. DCPS policy for thermostat settings, reminders to turn equipment off when not in use
- Provide visitor map with floor plan for location and explanation of green building features

2. Types of Building Materials

- Provide view window to inside of wall constructions and mechanical room
- Provide materials with environmental message in selective areas, e.g. 100% recycled post consumer plastic toilet compartments, wheatboard cabinets, or furniture made of wood harvested from school site, and explain with signage.

3. Uses of Technology

- For instructional and administrative purposes, the new school should have extensive technology systems. These same infrastructures and technology components can be used to enhance the perception of the buildings environmental components.
- Green morning announcement with update on energy and water use
- Student conducted energy audits
- School based resource conservation program with frequent feedback to users

4. Vehicular and Pedestrian Traffic

- Provide preferred parking for DCPS Green Fleet (for carpooling and fuel efficient vehicles)

5. Landscaping, Play/Practice Fields, Site, and Lighting

- Design for no-mow areas
- Design for student garden
- Provide solar or wind powered, off the grid site lighting as demonstration model for select areas

6. Green Curriculum

- LEED credit Schools as a Teaching Tool requires 10 hours of instruction per student, grade and school year on environmental issues related to the school building. The school buildings design should support this requirement wherever possible.

Building Space Summary

Space Summary	Modernization
	Total
Core Academic Areas	20,650
Media Center	2,500
Administration	1,905
Student Dining & Food Service	3,275
Auditorium/Assembly	4,250
Maintenance & Custodial Services	600
Mechanical, Electrical, Toilets, Custodial Closets	12,262
Total Net	45,442
Construction Factor[.082]	3,726
Total Gross	49,168

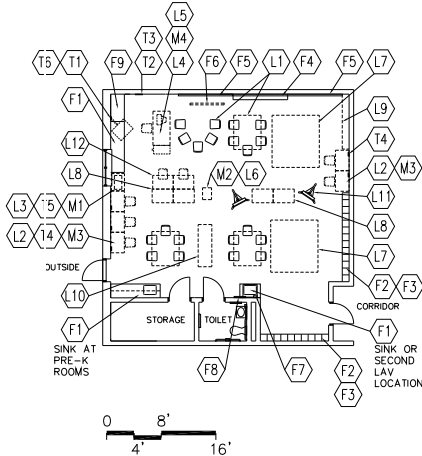
Outdoor Area Requirements Summary

Exterior Spaces
Structured Play Area For Primary/Intermediate Grades
Protected Pre-School Play Area
Outdoor Paved Play Area [reduced size basketball courts, with markings for other games]
Outdoor Classroom if feasible
Green area for garden/environmental programs
Faculty, Staff, and Visitor Parking (26-36 spaces)

Academic Area Space Requirements

Spaces	Guideline		Total	Comments
	Quantity	S.F.		
Pre-kindergarten age 3	2	1,175	2,350	
Pre-kindergarten age 4	2	1,175	2,350	
Kindergarten Classroom	2	1,175	2,350	
Grade 1-2 Classroom	4	900	3,600	
Grade 3-5 Classroom	6	900	5,400	
Special Needs	2	300	1,450	
- Resource Rm.	1	400		
- Speech/OT/PT	3	150		
- Offices				
Instructional coach	1	200	200	
Workrooms	2	200	550	One storage per floor
- Laptop cart storage/charging	3	50		
Additional instructional spaces				
Art	1	1,200	1,200	w/ kiln and storage
Music	1	1,200	1,200	w/storage
Total			20,650	

Tolerances of + or – 5-15% are acceptable. Adjacencies as specified are desirable, but options may be considered and should be reviewed with the planning team.

PRE-K / KINDERGARTEN**E-ACA-1A****CAPACITY:**

- Teachers
- 8-10 Infants and toddlers
- 16-20 students (PS/PK/K)
- Parents/other staff

SIZE:

- 1,175 SF

ANCILLARY SPACES:

- Restroom E-ACA-16 (50 SF)
- Storage closet (50-100 SF)

SPATIAL RELATIONSHIPS:

- Locate coat cubbies near door
- Locate at first floor for emergency evacuations, if possible

GOALS:

- To foster self-discipline, independence, and responsibility
- To help children develop positive concepts about themselves and their capabilities
- To encourage and develop independent thinking and good work habits
- To develop language as a tool of learning and as a means of communication
- To provide and develop fundamental academic, social, emotional, physical, and thinking skills

PROGRAM ACTIVITIES:

- Whole group
- Teacher directed
- Small group
- One-on-one instruction
- Cooperative learning
- Discovery
- Language Arts
- Inquiry

ENVIRONMENTAL CONSIDERATIONS:

- Windows to provide natural light and egress
- Adequate ventilation
- Electrical outlets for equipment
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
 - Reverberation Time: .4-.6 seconds
- Uniform lighting
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV Presentation

NOTES:

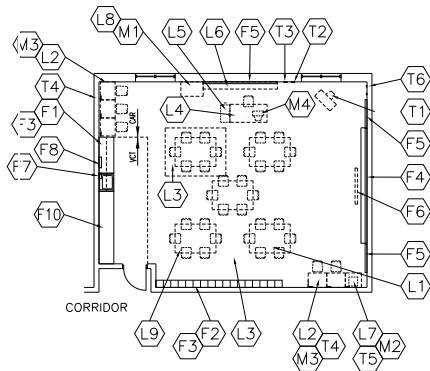
1. Loose furnishings and features shown represent one of many possible arrangements.
2. Locate sink at chase wall of restroom (or in close proximity)
3. Locate restroom chase as close to corridor as possible to minimize pipe runs
4. Where rooms are paired provide two lavatories with joint access (not including sink in casework).

PRE-K / KINDERGARTEN**E-ACA-1A**

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Rubber tile/Area Rugs	096519/096816	Deep storage for poster board	
		F2 Carpentry:	
		Student cubbies (22/24)	064123
<u>Loose Furnishings :</u>		F3 Casework:	
L1 20 stackable chairs, 4-5 tables		Wall shelving (over cubbies)	123200
L2 1-2 computer stations w/ chairs;		F4 Marker board (1 walls)	101100
L4 Teacher work surface w/ mobile storage		10 LF primary	
and 2 ergonomic chairs		F5 Tack board flanking marker board and on	
L5 Four-drawer file cabinet		secondary teaching wall	101100
L7 Bound carpet rug (oval), rug for block area,		Plus two (2) parallel rows of continuous	
rug for reading area		tack strips on all available walls (4 LF or	
L8 Mobile shelving (see furniture standards)		longer) at 30" and 48" AFF	
L9 Bookshelves (open or closed)		F6 Manual projection screen (60"X60")	115213 ³
L11 Learning center sets such as sand/water		F7 Soap dispenser	102800
tables, kitchen, child-height dining, dress-up		F8 Towel dispenser	102800
center, art cart, science light board, and blocks.		F9 Casework:	
		Wardrobe (18"X18")	123200
<u>Communications:</u>	Div. 27	<u>Fire Suppression:</u>	Div. 21
Single point 'face plate' near teachers work		Fire suppression system	
station to include:		<u>Plumbing:</u> Div. 22	
Voice, data, VGA , audio enhancement,		Double sink at two heights	
and HDMI		w/ drinking fountain at child height	
		w/ deep well at adult height	
		Plumbing connections	
		Wall-mounted watercloset	
		Wall-mounted lavatory	
		<u>HVAC:</u> Div. 23	
		Supply/return air system	
		Independent temperature	
		control	
		Exhaust air system (toilet)	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		3 per primary teaching wall	
		At least 2 per other walls	
		TVSS protected quad receptacle	
		adjacent to each data and	
		video port	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

GRADES 1-5 CLASSROOM**E-ACA-2****SIZE:**

- 850 SF to 950 SF

CAPACITY:

- 20-22 students (1st – 2nd)
- 24-25 students (3rd – 5th)
- 1 teacher
- Staff members
- Guest speakers/volunteers

GOAL:

- A flexible space to accommodate any of the core academic disciplines

PROGRAM ACTIVITIES:

- Large group instruction
- Small group instruction and group work
- Classroom work/lectures
- Computer instruction
- Team teaching
- Oral presentations
- Group and teamwork activities
- Testing

SPATIAL RELATIONSHIPS:

- Group classrooms for potential teaming
- Locate coat cubbies near door

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
 - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Adequate ventilation
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentations

NOTES:

1. Lose furnishings and features shown represent one of many possible arrangements.
2. Items listed as casework may be purchased as furniture.
3. Classroom layouts should be opposite hand allowing sinks to be back to back.

DCPS Educational Specifications

Van Ness Elementary School

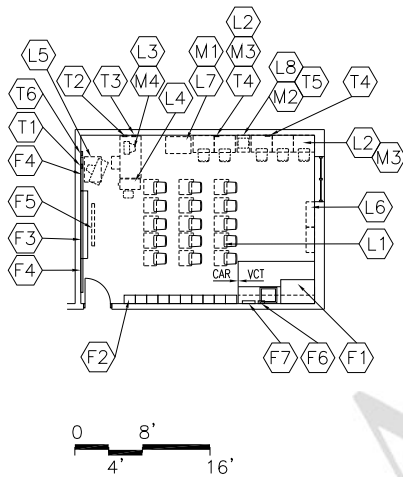
GRADES 1-5 CLASSROOM

E-ACA-2

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Casework:	123200
		Base/wall cabinets by sink	
Base:		Sturdy shelves on 3 walls in storage area	
Resilient base	096519	F2 Carpentry:	
		Student cubbies (24/28)	064123
Ceiling (9' high		F3 Casework:	
minimum):		Wall shelving (24 LF- H 30-32")	123200
Suspended, acoustical	095113	F4 Marker board (2 walls)	101100
		16 LF primary/8 LF secondary	
Walls:		F5 Tack board flanking marker boards	101100
Painted concrete masonry units or dry		Plus two (2) parallel rows of continuous	
wall	042000/099123	tack strips on all available walls (4 LF or	
One tackable wall surface	101100	longer) at 30" and 48" AFF	
		F6 Manual projection screen (60"X60")	115213 ²
<u>Loose Furnishings:</u>		F7 Soap dispenser	102800
L1 5 tables or 24 student desks (see Furniture		F8 Towel dispenser	102800
Standards)		F9 Casework: Wardrobe (18"X18")	123200
L2 2 computer workstations and chairs –		<u>Fire Suppression:</u>	Div. 21
student use		Fire suppression system	
L3 Bound carpet rug (thru Grade 2)		<u>Plumbing:</u>	Div. 22
L4 Teacher workstation with mobile storage		Sink with drinking fountain (optional)	
and 2 chairs		Plumbing connections	
L5 Four drawer file cabinet		<u>HVAC:</u>	Div. 23
L6 Adjustable height bookshelves		Supply/return air system	
L7 Printer table		Independent temperature control	
L9 26 student chairs		<u>Electrical:</u>	Div. 26
Kidney or horseshoe table		Duplex receptacles	
		3 per primary teaching wall	
<u>Communications:</u>	Div. 27	2 per other walls	
Single point 'face plate' near teachers work		TVSS protected quad receptacle	
station to include:		adjacent to each data and	
Voice, data, VGA , audio enhancement,		video port	
and HDMI		Multilevel switching	
		Fluorescent lighting	
Additional ports:		Illumination level: See Table 7600-16	
Printer		Clock	
Cable/MATV port		Central sound system	
5 data ports for student use		<u>Miscellaneous</u>	Div. 27
Electronic white board		M2 Printer	
Clock/PA		M3 3 computers for student use	
2 wireless		M4 Laptop computer for teacher use	
Audio enhancement Equipment		Document camera	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Delete where a digital white board is installed.

RESOURCE CLASSROOM**E-ACA-4****CAPACITY:**

- Up to 10 students
- 2 or more staff members

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

- To provide a safe and comfortable learning environment for students with unique learning challenges

PROGRAM ACTIVITIES:

- Small group work
- Independent instruction and work

SPATIAL RELATIONSHIPS:

- Located within Academic Core areas
- Ingress/egress to the building which allows for special transportation pick-ups

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentation

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.
2. Orientation of Resource Classroom shall be determined as a result of layout of adjacent classrooms
3. Sink shall be located with close proximity to corridor.

DCPS Educational Specifications

Van Ness Elementary School

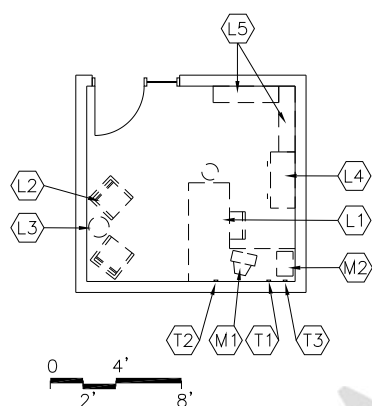
RESOURCE CLASSROOM

E-ACA-4

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Rubber tile	096519	F1 Casework:	123200
Base:		Base/wall cabinets and shelving	
Resilient base	096519	Paper storage cabinets	
Ceiling (9' high minimum):		F3 Marker board (8 LF)	101100
Suspended, acoustical	095113	F4 Tack board (8 LF minimum)	101100
Walls:		F5 Manual projection screen	115213
Painted concrete masonry units or dry wall		F6 Soap dispenser	102800
042000/099123		F7 Towel dispenser	102800
		F8 Casework: Wardrobe	123200
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 8-10 student desks or 2-3 student tables		Fire suppression system	
L2 2 computer workstations and chairs		<u>Plumbing:</u> Div. 22	
L3 Teacher workstation and chair		Plumbing connections (optional)	
L4 Four-drawer file cabinet		Sink with drinking fountain (optional)	
L5 Mobile shelving		<u>HVAC:</u> Div. 23	
L6 Adjustable height bookshelves (20 LF)		Supply/return air system	
		Independent temperature	
		Control	
<u>Communications:</u>	Div. 27	<u>Electrical:</u> Div. 26	
Single point 'face plate' near teachers work		Duplex receptacles	
station to include:		3 per primary teaching wall	
Voice, data, VGA , audio enhancement,		2 per other walls	
and HDMI		TVSS protected quad receptacle	
Additional ports:		adjacent to each data and	
Printer		video port	
Cable/MATV port		Fluorescent lighting	
3 data ports for student use		Illumination level: See Table 7600-16	
Electronic white board		Multilevel switching	
Clock/PA		Clock	
1 wireless		Central sound system	
<u>Miscellaneous:</u>		<u>Electronic Safety and Security:</u>	Div. 28
M2 Printer		Life safety devices per code	
M3 2-3 computers for student use			
M4 Computer for teacher use			

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Items listed as casework may be purchased as furniture.

STUDENT SERVICES**E-ACA-5****GOAL:**

- To serve as a space from which support staff can provide a variety of services to students and their families

PROGRAM ACTIVITIES:

- Group and individual counseling
- Student assessment

SPATIAL RELATIONSHIPS:

- Near Academic Core areas

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Windows to provide natural light if on outside wall, if possible

CAPACITY:

- Counselors/social workers/Sped Coordinators
- Students and parents
- Staff

SIZE:

- 150 SF

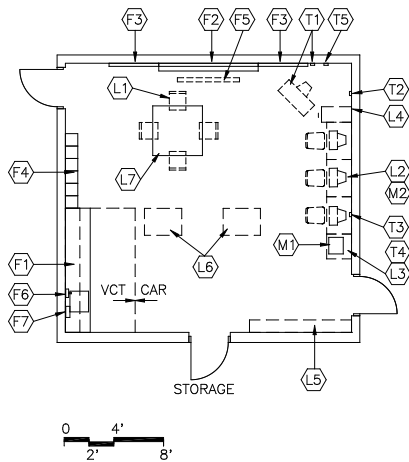
NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.
- An internal window (with blinds) may be provided in lieu of sidelight.

STUDENT SERVICES		E-ACA-5	
	Spec. Ref.#		Spec. Ref.#
Finishes ¹ :		Features ¹ :	
Flooring:		Fixed Equipment:	
Resilient tile	096516	N/A	
Base:		Fire Suppression:	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		Plumbing:	
Suspended, acoustical	095113	N/A	
Walls:		HVAC:	Div. 23
Painted gypsum wallboard over metal studs	092116/ 099123	Supply/return air system Independent temperature control	
<u>Loose Furnishings:</u>		Electrical:	Div. 26
L1 Admin workstation and chair		Duplex receptacles	
L2 Visitor chair		TVSS protected quad receptacle adjacent to each data port	
L3 Small table (optional)		Single-level switching	
L4 Four-drawer file cabinet		Fluorescent lighting	
L5 Adjustable height bookshelves (12 LF)		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		Communications:	Div. 27
		T1 Data port near workstation	
		T2 Voice port and phone	
		T3 Data port for printer	
		Electronic Safety and Security:	Div. 28
		Life safety devices per code	
		Miscellaneous:	
		M1 Computer	
		M2 Printer	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

SPEECH / OCCUPATIONAL / PHYSICAL THERAPY**M-AC-13****GOAL:**

- To provide private functional mobility training for students

PROGRAM ACTIVITIES:

- Speech therapy
- Exercise
- Assistive technology evaluation
- Occupational and Physical Therapy

SPATIAL RELATIONSHIPS:

- Near Academic Core Classrooms
- Near Special Needs Classrooms
- Adjacent and access to Speech Occupational/Physical Therapy Storage

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Wheelchair accessibility
- Reinforce structure to support equipment such as a trapeze
- Windows to provide natural light, desirable; provide treatment to darken if windows are provided
- Auditory privacy

CAPACITY:

- Up to 3 students
- Up to 2 staff

ANCILLARY SPACES:

- none

NOTES:

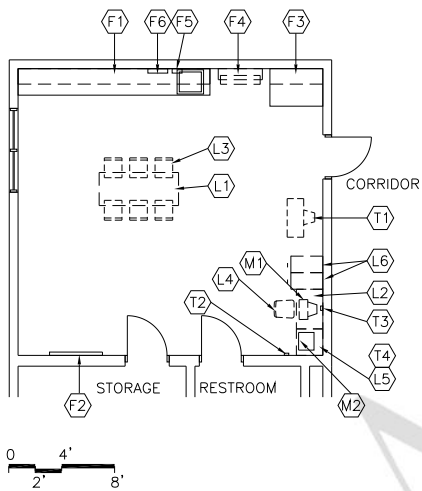
- Loose furnishings and features shown represent one of many possible arrangements.

SPEECH / OCCUPATIONAL / PHYSICAL THERAPY

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring096519		F1 Casework: Wall/base cabinets with shelving	123200
Base:		F2 Marker board (8 LF)	101100
Resilient base	096519	F3 Tack board (8 LF)	101100
Ceiling:		F5 Manual projection screen	115213
Suspended, acoustical	095113	F6 Soap dispenser (optional)	102800
Walls:		F7 Towel dispenser (optional)	102800
Painted concrete masonry units		<u>Fire Suppression:</u>	Div. 21
042000 / 099123		Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
L1 4 stackable student chairs		Plumbing connections (optional)	
L2 1 computer workstation		Sink with drinking fountain (optional)	
L3 Printer table		<u>HVAC:</u> Div. 23	
L4 Four-drawer file cabinet		Supply/return air system	
L5 Adjustable height bookshelves (12 LF)		<u>Electrical:</u> Div. 26	
L6 Therapy equipment		Duplex receptacles:	
L7 Work table		3 per primary teaching surface	
<u>Communications:</u>	Div. 27	2 per other walls	
T1 Video port, monitor, VCR/DVD, and brackets		TVSS protected quad receptacle adjacent to each data and video port	
T2 Voice port and phone		Multilevel switching	
T3 1 data ports near workstations		Fluorescent lighting	
T4 Data port at printer		Illumination level: See Table 7600-16	
T5 Cable/MATV		Clock	
<u>Miscellaneous:</u>		Central sound system	
M1 Printer		<u>Electronic Safety and Security:</u>	Div. 28
M2 Teacher's laptop computer		Life safety devices per code	

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

WORKROOM / TEACHER OFFICE/Instructional Coaches**E-ACA-12****GOALS:**

- To provide a space where adults can meet for committee work
- To provide a space where teachers can perform administrative work
- To provide a space for storage of grade-level materials

PROGRAM ACTIVITIES:

- Team staff meetings
- Lesson planning and grading
- Scheduling appointments
- Record keeping
- Develop and review teacher materials

SPATIAL RELATIONSHIPS:

- Near Academic Core classrooms (centrally located)
- Access to Staff Restroom(s) from within Workroom/Teacher Office
- Access to Storage from within Workroom/Teacher Office

CAPACITY:

- Teachers
- Teachers' assistants
- Parents/volunteers

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Staff restroom

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Window to provide natural light, desirable

NOTES:

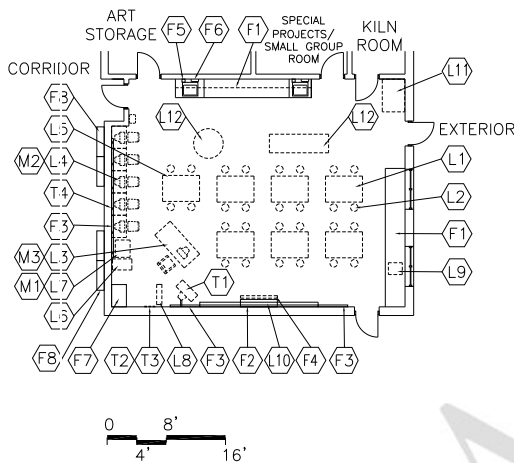
2. Loose furnishings and features shown represent one of many possible arrangements.
3. Optional: Consideration for internal window(s) with blinds to corridor.

DCPS Educational Specifications

Van Ness Elementary School

WORKROOM / TEACHER OFFICE**E-ACA-12**

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Casework:	123200
		Base cabinets	
Base:		Wall cabinets/shelving	
Resilient base	096519	F2 Tack board (4 LF)	101100
		F3 Casework:	123200
Ceiling:		Deep storage for poster board	
Suspended, acoustical	095113	F4 Towel	
		dispenser	102800
Walls:		F5 Soap dispenser	102800
Painted concrete masonry units			
042000/099123			
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 1-2 Table (s)		Fire suppression system	
L2 Computer workstation furniture			
L3 6 chairs			
L4 Ergonomic task chair		<u>Plumbing:</u> Div. 22	
L5 Printer table		Plumbing connections	
L6 2, four-drawer file cabinets		Sink	
		<u>HVAC:</u> Div. 23	
<u>Communications:</u>	Div. 27	Supply/return air system	
T2 Voice port and phone			
T3 Data port near workstation		<u>Electrical:</u> Div. 26	
T4 Data port at printer		Duplex receptacles	
		TVSS protected quad receptacle	
<u>Miscellaneous:</u>		adjacent to each data and	
M2 Printer		video port	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Multilevel	
		switching	
		16140	
		Clock	
		Central sound	
		system	
		16823	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

ART LAB**E-VA-1****CAPACITY:**

- 20-24 students
- 1 teacher
- Student teacher
- Parent volunteers
- Student volunteers

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kiln Room (E-VA-3) 75 SF
- Art Storage (E-VA-2) 125 SF

SPATIAL RELATIONSHIPS:

- Centrally located with convenient access to Core Academic classrooms
- Adjacent and access to Kiln Room

GOALS:

- To provide an area for students to work on a variety of art projects and to have positive experiences, which include developing confidence, commitment, and a sense of accomplishment
- To explore the manipulation of a variety of materials
- To develop technical and expressive skills
- To become aware of and be able to articulate thoughts about art and its reflection of other societies, cultures, and times
- To provide clean, adequate space in which to store art supplies and student projects

PROGRAM ACTIVITIES:

- Drawing, painting, and print making
- Sculpture, model-making, collage, and assembly
- Ceramics-clay (age appropriate)
- Computer graphics and mixed media work
- Guest artist lectures
- Demonstrations
- Viewing prints/slides/movies/art videos
- Research, reading, and writing
- Individual and cooperative group work
- Storage of supplies, projects, and small equipment
- Mixed media work

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting/track and display lighting
- Windows to provide natural light and egress, preferably northern exposure
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Include outlets on the wall above counter spaces in raceway
- Electrical outlets for equipment
- Provide one ceiling hung, retractable electrical outlet
- Window treatment to darken room for AV presentation as required

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

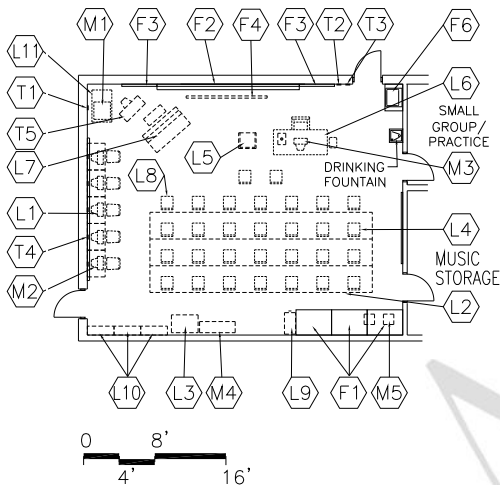
ART LAB

E-VA

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Quartz tile	096618	F1 Casework:	
Base:		30" high base/wall cabinets near	
Resilient base	096519	sinks	123200
Ceiling (12' high minimum to underside of		Paper storage cabinets	
deck):		F2 Marker board	101100
Exposed structure, painted	099123	16 LF primary	
with acoustical treatment	098400	F5 Tack board flanking marker board	
Walls:		Plus two (2) parallel rows of	
Painted concrete masonry units or dry wall		continuous tack strips on all available	
One tackable wall	042000 / 099123	walls (4 LF or longer) at 30" and 48"	
		AFF	
<u>Loose Furnishings:</u>		F6 Manual projection screen (60"x60")	115213 ³
L1 12 2-person student work tables		F5 Soap dispenser (at each sink)	102800
L2 24-30 Student chairs		F6 Towel dispenser (at each sink)	102800
L3 Teacher workstation and chair		F7 Casework: Wardrobe	123200
L4 2 computer (laptops) tables and chairs		F8 Display cases	
L6 1, four-drawer file cabinet		<u>Fire Suppression:</u>	Div. 21
L7 Audio visual cart for teacher use		Fire suppression system	
L10 Adjustable height shelves (24 LF) for		<u>Plumbing:</u> Div. 22	
drying 3D objects		Sinks with solids interceptor	
Drying rack (40-80 slats)		2 large, deep sinks	
Flat storage (10 drawers)		Plumbing connections	
<u>Communications:</u>	Div. 27	<u>HVAC:</u> Div. 23	
Single point 'face plate' near teachers work		Supply/return air system	
station to include:		Independent temperature control	
Voice, data, VGA , audio enhancement,		Manually controlled general exhaust	
and HDMI		<u>Electrical:</u> Div. 26	
Additional ports:		Duplex receptacles	
Printer		3 per primary teaching wall	
Cable/MATV port		At least 2 per other walls	
3 data ports for student use		TVSS protected quad receptacle	
Electronic white board		adjacent to each data port	
Clock/PA		Multilevel switching	
2 wireless		Fluorescent lighting	
<u>Miscellaneous:</u>		Illumination level: See Table 7600-16	
M1 Interactive white board	Div. 27	Clock	
M2 2 computers for student use		Central sound system	
M3 Computer for teacher use		Display/track lighting	
Audio enhancement equipment			
Document camera			

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

GENERAL MUSIC ROOM**E-MU-1****CAPACITY:**

- 20-24 music students
- 1 teacher
- Parents/volunteers

SIZE:

- 1,200 SF with storage

GOAL:

- To provide students with the opportunity to explore and develop skills in music through large group, ensemble, and solo experiences

PROGRAM ACTIVITIES:

- Listen, analyze, describe, and compose music (stereos, CD players, computers and printer, laser discs)
- Sing alone and with others (solos, duets, trios, ensembles, large groups)
- Guest speakers and performers (solo and ensembles)
- Group instruction (small and large)
- Choral, speech, theatrics (musicals, operas)
- View educational videos for music enrichment
- Extra-curricular after school activities (i.e., Odyssey of the Mind, church groups)

SPATIAL RELATIONSHIPS:

- Storage in the classroom

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting/Theatrical lighting
- Environmental sound control:
Wall minimum: STC 50
Ceiling minimum: CAC 35
- Sound insulation in walls (extended above ceiling to underside of deck)
- Acoustical wall treatments
- Electrical outlets for equipment
- Adequate ventilation
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Auditory privacy
- Drinking fountain in classroom

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

GENERAL MUSIC ROOM

E-MU-1

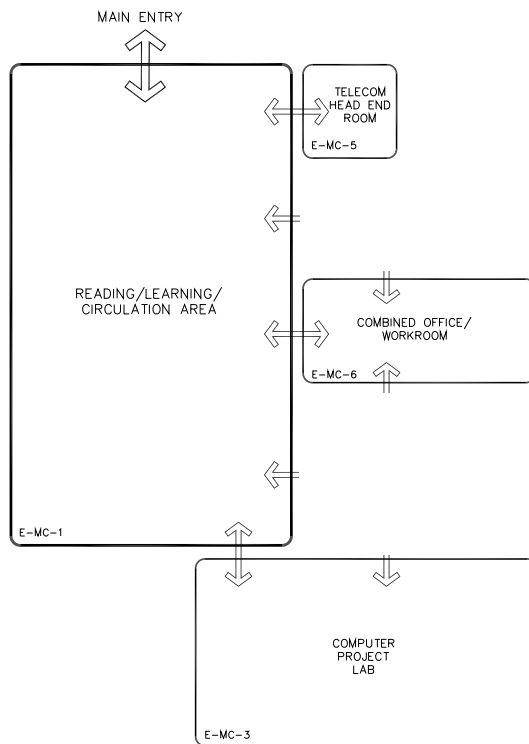
Finishes ¹ :	Spec. Ref.#	Features ¹ :	Spec. Ref.#
Flooring:		Fixed Equipment:	
Carpet	096816	F1 Casework:	
Base:		Paper storage cabinets	123200
Resilient base	096519	F2 Marker board (16 LF)	
Ceiling(10' high minimum):		1/2 with music staff bars	101100
Suspended, acoustical	095113	F3 Tack board	101100
Walls:		F4 Manual projection screen	115213
Painted concrete masonry units		F5 Casework:	
042000 / 099123		Wardrobe	123200
		F6 Casework:	
		Sink cabinet	123200
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 2 computer workstations and chairs		Fire suppression system	
L2 Portable choral risers with rails		<u>Plumbing:</u> Div. 22	
L3 Mobile A/V cabinet		Plumbing connections	
L4 24 music posture chairs		Drinking fountain	
L5 Conductor podium, chair and stand		Sink	
L6 Teacher desk and chair		<u>HVAC:</u> Div. 23	
L7 Upright piano		Supply/return air system	
Instrument storage		Independent temperature	
(see furniture standards)		control	
L9 Four-drawer file cabinet		<u>Electrical:</u> Div. 26	
L10 Adjustable height bookshelves (24LF)		Duplex receptacles	
<u>Communications:</u>	Div. 27	3 per primary teaching wall	
Single point 'face plate' near teachers work		2 per other walls	
station to include:		TVSS protected quad receptacle	
Voice, data, VGA , audio enhancement,		adjacent to each data and	
and HDMI		video port	
Additional ports:		Multilevel switching	
Printer		Fluorescent lighting	
Cable/MATV port		Illumination level: See Table 7600-16	
3 data ports for student use		Theatrical lighting	
Electronic white board		Clock	
Clock/PA		Central sound system	
2 wireless		<u>Electronic Safety and Security:</u>	Div. 28
<u>Miscellaneous:</u>		Life safety devices per code	
M1 Projection device on cart	Div. 27		
M2 2 computers for student use			
M3 Computer teacher use			
M4 MIDI synthesizer			
M5 A/V recording/playback equipment			
Document camera			

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

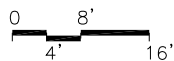
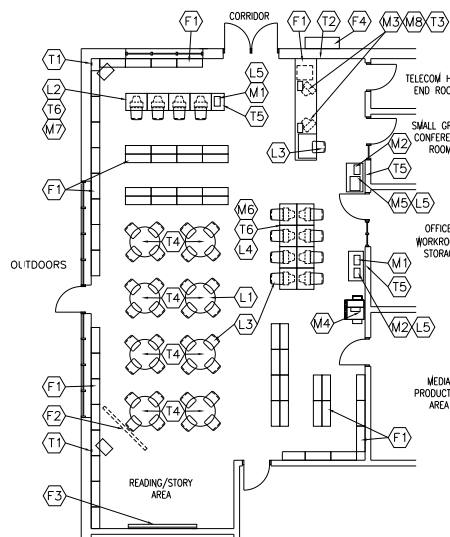
MEDIA CENTER

Spaces	Qty.	S.F.	Total	Comments
Reading/Learning/Circulation	1	1,500	1,500	
Computer area	1	650	650	
Office/Workroom/storage	1	250	250	
Telecom Head End Room	1	100	100	
Total			2,500	



READING / LEARNING / CIRCULATION AREA

E-MC-1



CAPACITY:

- 50 students
- 2 teachers
- 1 media specialist
- Media assistant
- Community patrons after school hours

GOAL:

- To provide students, staff and community with access to information and quiet study areas
- To provide a place for on-line testing

PROGRAM ACTIVITIES:

- Reading
- Circulation of materials and resources including online catalogs
- Large group and small group instruction
- Provide meeting areas for community, staff, and parents
- Research
- Dramatic reading and storytelling

SPATIAL RELATIONSHIPS:

- Circulation area located close to entrance/exit
- Reference/professional/periodical areas located near entrance and close to circulation
- Two catalog station areas centrally located

ENVIRONMENTAL CONSIDERATIONS:

- Recessed floor (data and duplex) outlets in floor at tables
- Adequate ventilation
- Lighting appropriate to task with switches to dim separate zones of Media Center
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Electrical outlets at entrance for future security system
- Electrical outlets at all column locations
- Windows to provide natural light
- Security of school when center is in use after school hours
- Ceiling height in proportion to room dimensions
- Open flow for traffic in reference/professional/periodical areas
- Electrical outlets in toe space of wall shelving
- Window treatment to darken room for AV presentation

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.
2. Freestanding book stacks shall be 42" high. Book stacks against the wall may be 60" to 84" high. Coordinate with other equipment and windows.

DCPS Educational Specifications

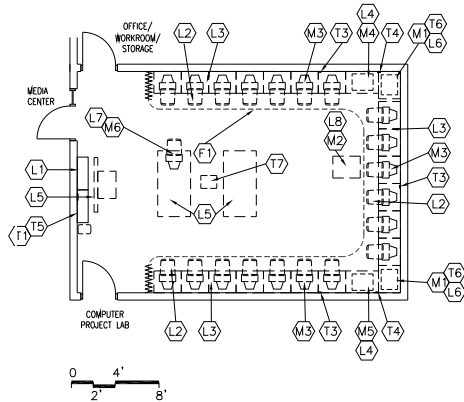
Van Ness Elementary School

READING / LEARNING / CIRCULATION AREA
E-MC-1

Finishes ¹ :	Spec. Ref.#	Features ¹ :	Spec. Ref.#
Flooring:		Fixed Equipment:	
Carpet	096816	F1 Library casework (see furniture standards)	
Base:		F2 Motorized projection screen	115213
Resilient base	096519	F3 Marker board (8 LF)	101100
Ceiling:		F4 Display cases	123559
Suspended, acoustical	095113	<u>Fire Suppression:</u>	Div. 21
Walls:		Fire suppression system	
Painted concrete masonry units	042000 / 099123	<u>Plumbing:</u>	
		N/A	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
L1 8, four-person tables (different heights)		Supply/return air system	
L2 2 automated card catalog stations		Independent temperature control	
L3 45 chairs (per student enrollment)			
L4 8 seated reference stations		<u>Electrical:</u>	Div. 26
L5 Printer table		Duplex receptacles	
Soft seating		TVSS protected quad receptacle adjacent to each data and video port	
<u>Miscellaneous:</u>		Single-level switching	
M1 Black and white printers		Fluorescent lighting	
M2 Color printers		Illumination level: See Table 7600-16	
M3 2 bar code readers		Means of egress lighting per code	
M4 Photocopy machine		Central sound system	
M5 Digital scanner		Floor boxes (electrical/data) throughout	
M6 8 computers for student use		reading room for flexible loose	
M7 2 computers for reference		furnishings layout	
M8 2 computers for staff use		<u>Communications²:</u>	Div. 27
		T1 2 video port, monitor, VCR/DVD, and brackets	
		T2 Voice port and phone	
		T3 2 data ports at circulation desk	
		T4 12 data ports for student use	
		T5 3 data ports for printers	
		T6 12 data ports for automated data card cat	
		Cable/MATV port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

COMPUTER AREA**E-MC-2****CAPACITY:**

- 20 students
- 2 teachers
- Community patrons after school hours

ANCILLARY SPACES:

- Reading/Learning/Circulation Area (E-MC-1)

GOAL:

- To provide an instructional space located adjacent to the Media Center as a resource for the entire school

PROGRAM ACTIVITIES:

- Instruction
- Individual and class projects
- Computer lab activities
- Teleconferencing
- Research

SPATIAL RELATIONSHIPS:

- May have movable wall to reading room or be in the reading room

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with an appropriate visual comfort level
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 40
Acoustically improved entry door
- Electrical outlets for equipment
- Special lighting for video production
- HVAC control separate from Media Center
- Due to the changing nature of technology, a media production room is to be designed for flexibility of use.
- Provide visual control from media center

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

COMPUTER AREA

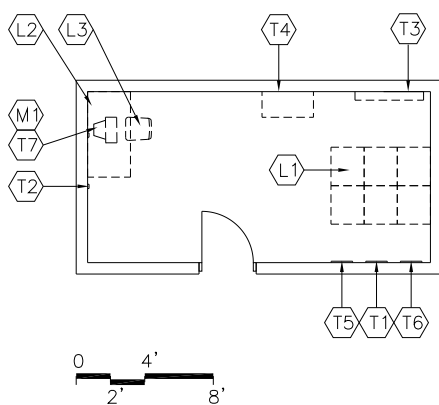
E-MC-2

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Carpet	096816	F2 Interactive board	115213
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
		Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Adjustable height bookshelf (12 LF)		Duplex receptacles	
L2 20 chairs		TVSS protected quad receptacle	
L3 20 computer tables		adjacent to each data port	
L4 printer table		Multilevel switching	
L5 Work table		Fluorescent lighting with parabolic lenses	
L6 Tables for scanners and other equipment		Central sound system	
<u>Miscellaneous:</u>		<u>Communications²:</u>	Div. 27
M1 digital scanner	Div. 27	T1 Video port, monitor, VCR/DVD, and brackets	
M3 20 computers for student use		T2 Voice port and phone	
M4 Laser printer		T3 20 data ports for student use in raceway	
M5 Inkjet printer		T4 2 data ports for printers	
		T5 Video/cable/MATV port	
		T6 data ports for scanner	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

TELECOM HEAD END ROOM
E-MC-5

**CAPACITY:**

- 1-2 staff members

SIZE:

- 200 SF

ANCILLARY SPACES:

- Reading/Learning/Circulation Area (E-MC-1)

GOALS:

- To provide a secure area to serve as the information hub of the school. File servers will serve the building computer network
- To provide satellite up and down links that will send and receive voice, video, and data
- Location of cable TV input and output
- All areas of the school are to be wired to this area

PROGRAM ACTIVITIES:

- Voice, video, data reception, and distribution
- Security system location
- Network management
- Telephone wiring entry and distribution
- Cable and CCTV reception and broadcasting

SPATIAL RELATIONSHIPS:

- May also be located in the Administration Area
- Adjacent to and access to Reading/Learning/Circulation Area
- Could be accessed from workroom in lieu of Reading/Learning/Circulation Area
- Additional access from corridor

ENVIRONMENTAL CONSIDERATIONS:

- Adequate power supply will be required and auxiliary UPS power for back-up (Quality of power is important.)
- Dedicated electrical circuitry
- Air conditioning dedicated to this space
- Adequate ventilation
- Access to ceiling and walls for modification to systems and wiring
- Security of door

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

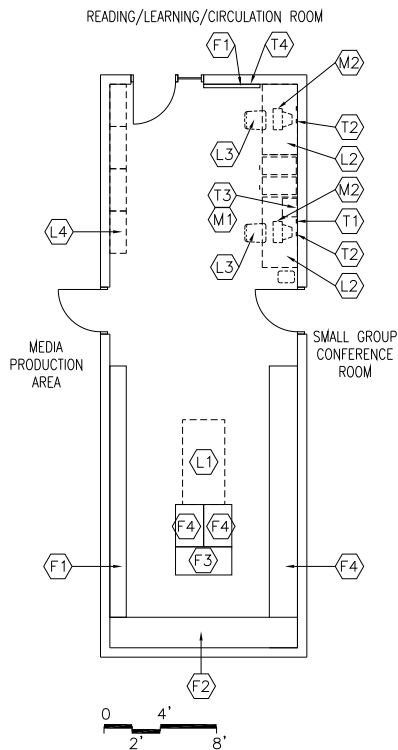
TELECOM HEAD END ROOM
E-MC-5

<u>Finishes¹:</u>	<u>Spec.</u>	<u>Features¹:</u>	<u>Spec.</u>
	<u>Ref.</u>		<u>Ref.#</u>
	<u>#</u>		
Flooring:			
Resilient tile flooring	096519	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
Base:		<u>Plumbing:</u>	
Resilient base	096519	N/A	
Ceiling:		<u>HVAC:</u>	Div. 23
Suspended, acoustical	095113	Supply/return air system	
		Independent, packaged system	
Walls:		<u>Electrical:</u>	Div. 26
Painted concrete masonry units	042000 / 099123	Duplex receptacles	
		Quad receptacles for	
		electronic systems	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
<u>Loose Furnishings:</u>		<u>Communications:</u>	Div. 27
L1 6-8 technology racks		T1 Data network system	
Wastebasket		T2 Voice port and phone	
L2 Workstation		T3 Telephone switchgear	
L3 Ergonomic task chair		T4 Video network control	
		T5 Satellite dish connection	
		T6 Satellite/cable system controls	17430
		Access	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Computer	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

COMBINED OFFICE / WORKROOM
E-MC-6

**CAPACITY:**

- Media specialists

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Reading/Learning/Circulation Area (E-MC-1)

GOAL:

- To provide a less visible and secure space for processing incoming materials and storage of materials

PROGRAM ACTIVITIES:

- Storage of materials
- Storage of A/V materials and videotapes
- Scanning
- Digitizing

SPATIAL RELATIONSHIPS:

- Adjacent to and access to Reading/Learning/Circulation Area
- Adjacent to and access to Office
- Adjacent to and access to Media Production Area
- Located behind circulation desk and whole class zone

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Auditory privacy

NOTES: Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

COMBINED OFFICE / WORKROOM

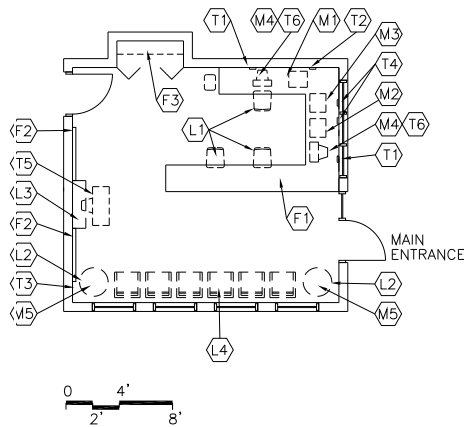
<u>Finishes¹:</u>	Spec.	<u>Features¹:</u>	Spec.
	<u>Ref.</u>		<u>Ref.#</u>
	<u>#</u>		
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving	105613
Base:		F2 Casework:	
Resilient base	096519	Tall cabinet (24" deep)	123200
Ceiling:		F3 Poster/map storage	123200
Suspended, acoustical	095113	F4 Casework:	
Walls:		Base cabinets with power	123200
Painted concrete masonry units	042000 / 099123	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	
L1 Work table		Plumbing for sink	
L2 Computer workstation		<u>HVAC:</u>	Div. 23
L3 Chair		Supply/return air system	Div. 15
L4 Adjustable height bookshelves		<u>Electrical:</u>	Div. 26
L5 Four – drawer file cabinets		Duplex receptacles	
		At casework island	
		TVSS protected quad receptacle	
		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Printer	
		M2 2 computers	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

ADMINISTRATION

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Welcome Center	1	250	250	
Security Area w/ storage	1	75	75	
Principal's Office	1	180	180	Including toilet
Business Office	1	120	120	
Administrative Workroom/mailroom	1	150	150	
Records Room	1	100	100	Needs to be a secure space.
Toilet	1	50	50	
Book Storage	1	400	400	
Conference Rm/Parent Resource	1	300	300	
Student Services	1	150	150	
Health Suite				
Office	1	100	100	
Waiting/Treatment Area	1	180	180	
Cots	1	100	100	
Storage	1	25	25	
Toilet	1	50	50	
Extended Day Office/Storage	1	150	150	
Staff Lounge	1	300	300	Includes staff toilet with shower.
Total			1905	

**CAPACITY:**

- Administrative assistants
- Visitors/parents
- Students

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

- To provide a space designed to help students and the public feel welcome and to provide easily accessed information

PROGRAM ACTIVITIES:

- Greeting visitors
- Waiting for students or staff
- Student waiting/pick up area
- Workstation for administrative assistant

SPATIAL RELATIONSHIPS:

- Located inside the main Administrative Area
- Centrally located to Administrative Area
- Near public restrooms
- Maximize view to the exterior and main entry

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, areas of soft lighting
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Administrative area should be mechanically zoned for year round use.
- Windows to provide natural light

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

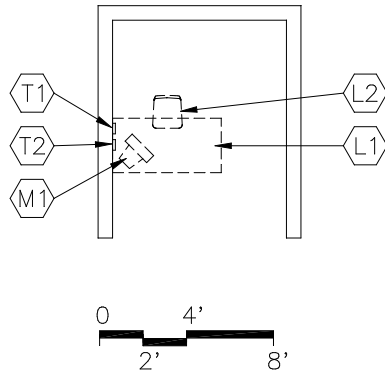
Van Ness Elementary School

WELCOME CENTER

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Finish carpentry	
		Reception counter	064123
Base:		F2 Tack board (8 LF)	101100
Resilient base	096519	F3 Closet shelving	064123
Ceiling (8' high minimum):		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u>	
Painted gypsum wallboard		N/A	
over metal studs	092116 / 099123	<u>HVAC:</u>	Div. 23
<u>Loose Furnishings:</u>		Supply/return air system	
L1 2 ergonomic task chairs		Independent temperature	
L4 4-6 guest chairs		control	
<u>Miscellaneous:</u>		<u>Electrical:</u>	Div. 26
M1 Fax		Duplex receptacles	
M2 printer		TVSS protected quad receptacle	
M4 2 computers		adjacent to each data port	
M5 Table lamps		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 2 voice port and phone	
		at workstations	
		T2 Fax port	
		T3 Voice port and phone	
		at waiting area	
		T4 data ports for printer	
		T5 Video port, monitor, VCR/DVD,	
		and brackets	
		T6 Data port near each workstation	
		Cable/MATV port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

SECURITY AREA**E-AD-2****GOAL:**

- To serve as a check-in and checkpoint for non-school visitors

PROGRAM ACTIVITIES:

- Check-in/out visitors
- Monitor main entrance to school
- Workstation for security office

SPATIAL RELATIONSHIPS:

- Adjacent to main entry

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35

CAPACITY:

- Security officer

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

NOTES:

Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

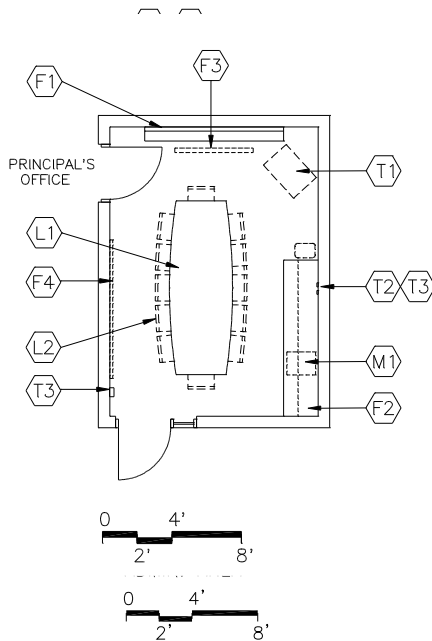
Van Ness Elementary School

SECURITY AREA

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	N/A	
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling (8' high minimum):		<u>Plumbing:</u> Div. 22	
Suspended, acoustical	095113	Fire protection system	
Walls:		<u>HVAC:</u> Div. 23	
Painted concrete masonry units	042000 / 099123	Supply/return air system	
<u>Loose Furnishings:</u>		Independent temperature control	
L1 Admin workstation		<u>Electrical:</u> Div. 26	
L2 Ergonomic task chair		Duplex receptacles	
		TVSS protected quad receptacle adjacent to each data and video port	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Computer	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

PRINCIPAL'S OFFICE**E-AD-4****CAPACITY:**

- Principal

SIZE:

- 180 SF

ANCILLARY SPACES:

- Conference Room (E-AD-3)

GOAL:

- To provide an office for the principal to give instructional leadership in a personal and organized environment for students, staff, and community

PROGRAM ACTIVITIES:

- Conferences with students, parents, teachers, staff, and visitors
- Curriculum development
- Research and planning
- Telephone communications
- Dealing with personnel issues
- Coordination of school and support services

SPATIAL RELATIONSHIPS:

- Near main entry
- Near administrative assistant
- Adjacent and access to Conference Room

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, appropriate to task
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- One area should be especially child-scaled and friendly for working with individual children
- Auditory privacy
- Back door to secondary corridor, desirable

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

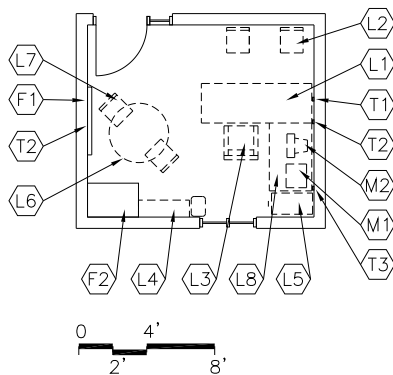
Van Ness Elementary School

PRINCIPAL'S OFFICE

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Tack board (4 LF)	101100
		F2 Towel dispenser	102800
Base:		F3 24" x 60" mirror	102800
Resilient	096519	F4 Toilet tissue holder	102800
		F5 36" and 42" grab bars	102800
Ceiling (8' high minimum):		F6 Soap dispenser	102800
Suspended, acoustical	095113	Wall mounted coat rack/shelf	
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted gypsum wallboard		Fire suppression system	
over metal studs	092116 / 099123		
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	
L1 Desk		Toilet area	
		<u>HVAC:</u>	Div. 23
L3 Ergonomic task chair		Supply/return air system	
L4 Adjustable height bookshelves (12 LF)		Independent temperature	
L5 Four-drawer file cabinet		control	
L6 Conference table		<u>Electrical:</u>	Div. 26
L7 4-6 chairs		Duplex receptacles	
		2 outlets per wall minimum	
<u>Miscellaneous:</u>		TVSS protected quad receptacle	
M1 Printer		adjacent to each data and	
M2 Computer		video port	
		Single-level switching	
		Fluorescent lighting	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port near workstation	
		Cable drop for input/output	
		T3 Data port for printer	
		T4 Cable/MATV port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

OTHER OFFICE**E-AD-5****GOAL:**

- To provide an office for the assistant principal to perform administrative functions

PROGRAM ACTIVITIES:

- Conferences with parents
- Student interaction
- Conferences with individual teachers or small groups
- Telephone communications (private)
- Research and planning
- Coordination of school and support services

SPATIAL RELATIONSHIPS:

- May be located near Academic Core for supervision
- May be located near administration suite

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- Auditory privacy

CAPACITY:

- Assistant Principal

SIZE:

- 120 SF

ANCILLARY SPACES:

N/A

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

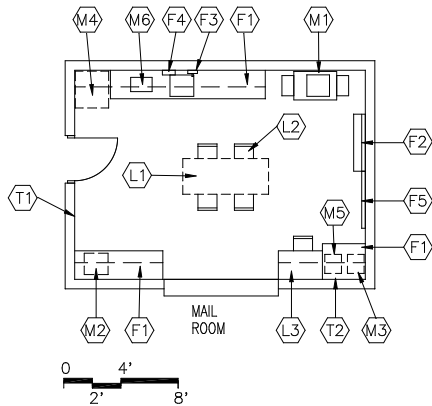
Van Ness Elementary School

OTHER OFFICE

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Tack board (4 LF)	101100
Base:		F2 Casework:	
Resilient base	096519	Wardrobe	103200
Ceiling (8' high minimum):		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u>	
Painted gypsum wallboard		N/A	
over metal studs	092116 / 099123	<u>HVAC:</u>	Div. 23
<u>Loose Furnishings:</u>		Supply/return air system	
L1 Admin workstation		Independent temperature	
L2 2 visitor chairs		control	
L3 Ergonomic task chair		<u>Electrical:</u>	Div. 26
L4 Adjustable height bookshelves (12 LF)		Duplex receptacles	
L5 Four-drawer file cabinet		2-Outlets per wall minimum	
L6 Round table		TVSS protected quad receptacle	
		adjacent to data and video port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound	
		system	
		16823	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 2 data ports	
		T3 Data port for printer	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Printer	
		M2 Computer	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

ADMINISTRATIVE WORKROOM**E-AD-7****CAPACITY:**

- Secretaries and Administrators
- Volunteers
- Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Mail Room (E-AD-8)

GOAL:

- To provide an area for office production activities

PROGRAM ACTIVITIES:

- Copying
- Collating
- Sorting of files
- Preparing communications for mailing
- Binding reports
- Telephone communications

SPATIAL RELATIONSHIPS:

- Near Welcome Center
- Adjacent to Mail Room

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, appropriate to task
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Organize for efficient work flow and sufficient clearance for several people to work at one time

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

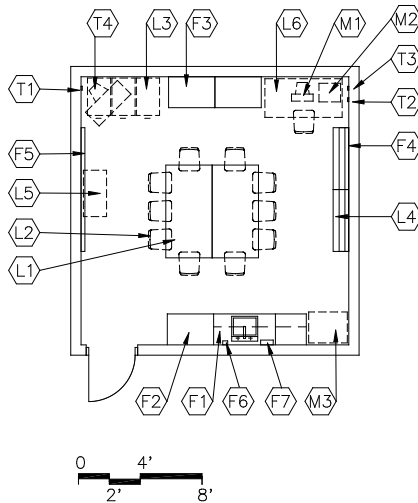
Van Ness Elementary School

ADMINISTRATIVE WORKROOM

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Casework:	123200
		Base/wall cabinets and shelving	
Base:		F2 Marker board (4 LF)	101100
Resilient base	096519	F3 Soap dispenser	102800
		F4 Towel dispenser	102800
Ceiling (8' high minimum):		F5 Tack board (4 LF)	101100
Suspended, acoustical	095113		
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted gypsum wallboard		Fire suppression system	
over metal studs	092116 / 099123		
<u>Loose Furnishings:</u>		<u>Plumbing:</u> (optional)	Div. 22
L1 Work table		Plumbing connections	
L2 4 chairs; task chair		Hook-up for refrigerator ice maker,	
L3 Computer workstation		sink, single/deep bowl	
Wastebasket			
		<u>HVAC:</u>	Div. 23
<u>Miscellaneous:</u>		Supply/return air system	
M1 Copier		Independent temperature	
M2 Paper cutter		control	
M3 Laminating machine			
M4 Refrigerator with ice maker		<u>Electrical:</u>	Div. 26
M5 Color printer		Duplex receptacles	
M6 Microwave		Raceway above countertop	
		TVSS protected quad receptacle	
		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Dedicated receptacle for copier	
		Clock	
		Central sound system	
		<u>Communications²:</u>	Div. 27
		T1 Voice ports and phones	
		T2 Data port for printer	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

**GOALS:**

- To provide a place for parents to meet and work when they volunteer at school
- To provide space for parents to check-out and use parenting sources
- To provide an administrative conference meeting area

PROGRAM ACTIVITIES:

- Small group meetings
- Work area

SPATIAL RELATIONSHIPS:

- Near Welcome Center
- Near Lobby Entrance
- Near Public Restrooms

ENVIRONMENTAL CONSIDERATIONS:

- Electrical outlets for equipment
- Lighting appropriate to task
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35

CAPACITY:

- Parents
- Visitors
- Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

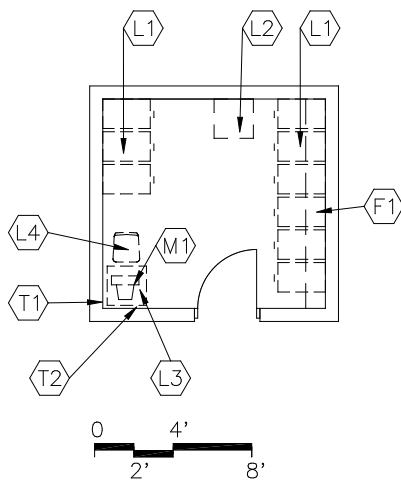
Van Ness Elementary School

PARENT RESOURCE CENTERCONFERENCE RM

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Casework:	123200
		Base/wall cabinets	
Base:		F2 Casework	
Resilient base	096519	Wardrobe cabinet	123200
Ceiling (8' high minimum):		F3 Casework:	
Suspended, acoustical	095113	Storage cabinets	123200
Walls:		F4 Marker board (8 LF)	101100
Painted concrete masonry units		F5 Tack board (8 LF)	101100
042000 / 099123		F6 Soap dispenser	102800
		F7 Towel dispenser	102800
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 2 tables (36" x 72") with conference room		Fire suppression system	
technology built-in		<u>Plumbing:</u> (optional)	Div. 22
L2 10-15 nesting chairs		Plumbing connections	
L3 Four-drawer file cabinet		Sink, single/deep bowl	
L4 Adjustable height bookshelves (20 LF)		Hook-up for ice maker	
L6 Computer workstation		<u>HVAC:</u> Div. 23	
		Supply/return air system	
<u>Miscellaneous:</u>		Independent temperature	
M1 Computer		control	
M3 Refrigerator with ice maker		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
<u>Communications:</u>	Div. 27	TVSS protected quad receptacle	
T1 Cable/MATV		adjacent to each data and	
T2 Voice port and phone		video port	
T3 Data port		Multilevel switching	
T4 Conference rm technology		Fluorescent lighting	
		Illumination level: See Table 7600-16	
<u>Electronic Safety and Security:</u>	Div. 28	Clock	
Life safety devices per code		Central sound system	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

RECORDS ROOM**E-AD-9****GOAL:**

- To provide secure, fireproof, and adequate storage for money, records, and other valuable items

PROGRAM ACTIVITIES:

- Storing of money and other valuable items
- Storage of files and records
- Accessible to administration staff

SPATIAL RELATIONSHIPS:

- Near Data Entry Office

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Security of door

CAPACITY:

- Secretaries
- Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

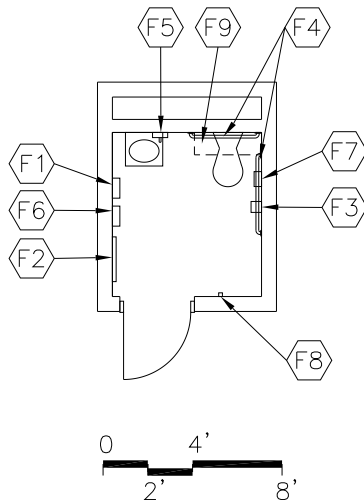
Van Ness Elementary School

RECORDS ROOM

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Casework:	
		Wall shelving	123200
Base:			
Resilient base	096519	<u>Fire Suppression:</u>	Div. 21
Ceiling (8' high minimum)		Fire suppression system	
Suspended, acoustical	095113		
Walls:		<u>Plumbing:</u>	
Painted concrete masonry units		N/A	
042000 / 099123			
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
L1 8-10, four-drawer file cabinets (fireproof)		Exhaust air system	
L2 Small safe			
L3 Small table		<u>Electrical:</u>	Div. 26
L4 Chair		Duplex receptacles	
		TVSS protected quad receptacle	
		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		M1 Computer	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

STAFF TOILET**E-AD-11****PROGRAM ACTIVITIES:**

- Personal and health needs for administrative staff
- Changing clothing

SPATIAL RELATIONSHIPS:

- Near Welcome Center

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Moisture- and stain- resistant finishes
- Adequate exhaust/ventilation

CAPACITY:

- Staff

SIZE:

- 50 SF

ANCILLARY SPACES:

N/A

NOTES:

1. Extend walls above ceiling to deck above for security and acoustical reasons.
2. Provide staff restrooms for both men and women.
3. Each pair of staff restrooms should be distributed throughout the building at appropriate locations.

DCPS Educational Specifications

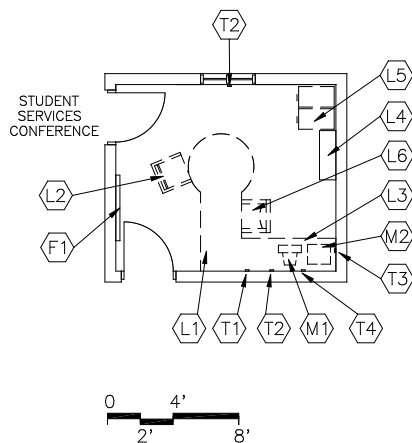
Van Ness Elementary School

**STAFF TOILET
E-AD-11**

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Ceramic tile	093000	F1 Towel dispenser	102800
Base:		F2 24" x 60" mirror	102800
Ceramic mosaic tile base	093013	F3 Toilet tissue holder	102800
Resilient	096519	F4 36" and 42" grab bars	102800
Ceiling:		F5 Soap dispenser	102800
Suspended, acoustical	095113	F6 Sanitary dispenser	102800
Walls:		F7 Sanitary disposal	102800
Painted concrete masonry units	042000 / 099123	F8 Coat hook	102800
		F9 Casework:	
		Wall cabinet	103200
		<u>Plumbing:</u> Div. 22	
		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		Floor drain	
		<u>HVAC:</u> Div. 23	
		Exhaust air system	
		Supplemental heat as required	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Fire alarm devices per code	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

COUNSELOR'S OFFICE**E-AD-12****CAPACITY:**

- Counselor
- Intern
- Psychologist
- Social worker
- Reading resource
- Math resource
- Science resource
- ESL

SIZE:

- 150 SF

ANCILLARY SPACES:

- Student Service Conference Room (E-AD-13)

GOAL:

- To provide counseling and other student support services in a professional environment that is easily accessible to students, staff, parents, and the community

PROGRAM ACTIVITIES:

- Counseling for students and parents
- Administrative paperwork
- Enrollment and orientation of new students

SPATIAL RELATIONSHIPS:

- Near Student Services Conference Room
- Near Welcome Center
- Adjacent and access to Student Services Conference Room

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, appropriate to task
- Environmental sound control:
 - Walls minimum: STC 45
 - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

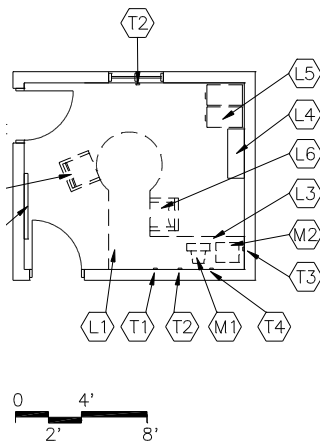
Van Ness Elementary School

COUNSELOR'S OFFICE

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Tack board (4 LF)	101100
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling (8' high minimum):		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted gypsum wallboard		Supply/return air system	
over metal studs	092116 / 099123	Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Admin workstation		Duplex receptacles	
L2 Visitor chair		TVSS protected quad receptacle	
L3 Computer desk return		adjacent to each data and	
L4 Adjustable height bookshelves (12 LF)		video port	
L5 2, four-drawer file cabinets		Single-level switching	
L6 Ergonomic task chair		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 2 data ports	
		T3 Data port for printer	
		T4 Cable/MATV port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Computer	
		M2 Printer	

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

OFFICE AREA (Health suite)**E-AD-15****CAPACITY:**

- Staff
- Students
- Parents
- Visitors

SIZE:

- 100 SF

ANCILLARY SPACES:

- Treatment Area (E-AD-16)
- Storage (E-AD-18)

GOAL:

- Administrative and meeting area for health services

PROGRAM ACTIVITIES:

- Meeting area for students parent or guardian
- Administrative activities by school nurse
- Private conversations

SPATIAL RELATIONSHIPS:

- Adjacent and access to Treatment Area
- Adjacent and access to Storage

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 40
 - Ceiling minimum: CAC 35
- Visual control to Welcome Center or corridor
- Visual and auditory privacy

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

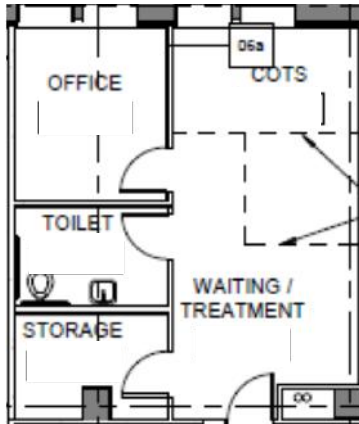
OFFICE AREA
E-AD-15

Health Suite

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Tack board (4 LF)	101100
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling (8' high minimum):		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted gypsum wallboard		Supply/return air system	
over metal studs	092116 / 099123		
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Admin workstation		Duplex receptacles	
L2 Ergonomic chair		2 outlets per wall, minimum	
L3 1-2 visitor chairs		TVSS protected quad receptacle	
File cabinet		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		2 Data port for printer	
		T3 Data port near workstation	
		T4 Cable/MATV	
		T5 Video port, monitor, VCR/DVD,	
		and brackets	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

**WAITING/TREATMENT AREA
E-AD-16**
**CAPACITY:**

- 1 staff member/volunteer/nurse
- Students

SIZE:

- 150 SF

ANCILLARY SPACES:

- Office (E-AD-15)
- Cots
- Storage

GOAL:

- To provide school-based health services

PROGRAM ACTIVITIES:

- First aid
- Consultation with students
- Health screening
- Medical treatments
- Medication administration
- Student resting while awaiting pick-up by parent or guardian

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Stain-resistant floor covering
- Sink with hot and cold water
- Adequate ventilation
- Electrical outlets for equipment
- Locate away from rooms with copiers, interferes with hearing screening
- Auditory and visual privacy
- Visual control to Office/Waiting or Welcome Center

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

WAITING/TREATMENT AREA

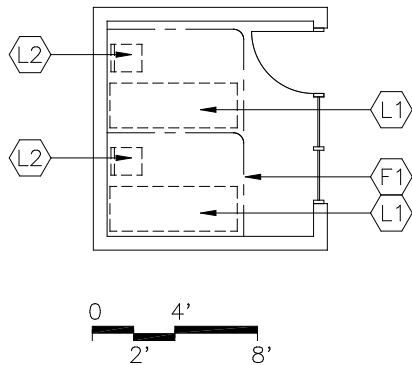
Health Suite

E-AD-16

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Casework:	
		Base/wall cabinets	123200
Base:		Place for refrigerator	
Resilient base	096519	F2 Casework:	
		Tall storage	123200
Ceiling (8' high minimum):		F3 Cubicle curtain	102123
Suspended, acoustical	095113	F4 Soap dispenser	102800
		F5 Towel dispenser	102800
Walls:		Tackboard	
Painted gypsum wallboard			
over metal studs	092116 / 099123	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
2-3 Chairs		Plumbing connections	
Side table		Single sink w/hands-free gooseneck	
Mobile exam table			
Stool		<u>HVAC:</u> Div. 23	
		Supply/return air system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		TVSS protected quad receptacle	
		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

COTS

Health Suite



GOAL:

- To provide a place for students and staff to lie down when feeling ill

PROGRAM ACTIVITIES:

- A resting place for students and staff when feeling ill

SPATIAL RELATIONSHIPS:

- Located within Health Suite
- Near welcome center

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting/dimmable lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Stain-resistant floor covering
- Adequate ventilation
- Auditory and visual privacy
- Visual control from Office/Waiting or Welcome Center

CAPACITY:

- Staff
- Students

SIZE:

- 100 SF

ANCILLARY SPACES:

N/A

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

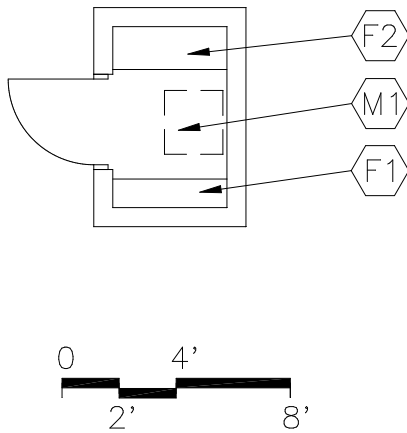
DCPS Educational Specifications
Van Ness Elementary School
COTS

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Cubicle curtains	102123
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling (8' high minimum):		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted gypsum wallboard		Supply/return air system	
over metal studs	092116 / 099123		
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 2 cots		Duplex receptacles	
L2 2 chairs		Single-level switching	
		Fluorescent lighting with dimmer	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

STORAGE

**GOAL:**

- To provide storage for medical supplies and equipment

PROGRAM ACTIVITIES:

- Storing chemicals, equipment, and supplies

SPATIAL RELATIONSHIPS:

- Adjacent and access to Office/Waiting

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Security of equipment, supplies, and medicines
- Security of door

CAPACITY:

- Staff

SIZE:

- 25 SF

ANCILLARY SPACES:

- Office/Waiting Area (E-AD-15)

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

**STORAGE
Health Suite**

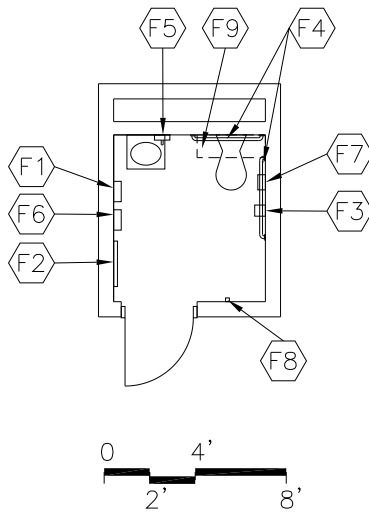
	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving:	105613
		12" deep	
Base:		F2 Storage shelving:	105613
Resilient base	096519	18" deep	
Ceiling (8' high minimum):		<u>Fire Suppression:</u>	Div. 21
Cleanable, suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u> Div. 22	
Painted concrete masonry units	042000 / 099123	Fire protection system	
<u>Loose Furnishings:</u>		<u>HVAC:</u> Div. 23	
N/A		Supply/return air system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Refrigerator (lockable) with ice maker	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

TOILET

E-AD-19



PROGRAM ACTIVITIES:

- Personal and health needs for the health suite
- Changing clothing

SPATIAL RELATIONSHIPS:

- Located within Health Suite

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 45
Ceiling minimum: CAC 35
- Moisture- and stain-resistant finishes
- Adequate exhaust/ventilation

CAPACITY:

- Students
- Staff

SIZE:

- 50 SF

ANCILLARY SPACES:

N/A

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

TOILET

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Ceramic tile	093000	F1 Towel dispenser	102800
		F2 24" x 60" mirror	102800
		F3 Toilet tissue holder	102800
		F4 36" and 42" grab bars	102800
Base:		F5 Soap dispenser	102800
Ceramic mosaic tile base	093013	F6 Sanitary dispenser	102800
Resilient base	096519	F7 Sanitary disposal	102800
Ceiling:		F8 Coat hook	102800
Suspended, acoustical	095113	F9 Casework:	
		Wall cabinet	103200
Walls:			
Painted concrete masonry units	042000 / 099123	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
		<u>Plumbing:</u> Div. 22	
		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		Floor drain	
		<u>HVAC:</u> Div. 23	
		Exhaust air system	
		Supplemental heat as required	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

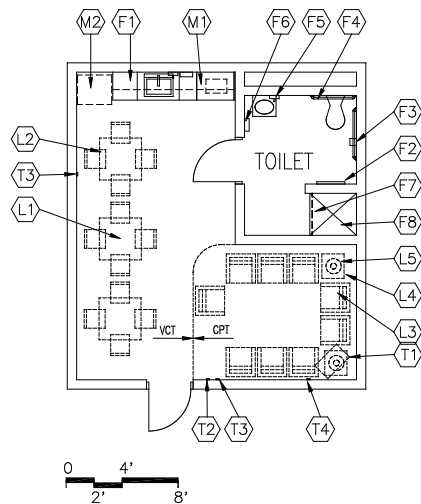
NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

S

TAFF LOUNGE

E-AD-21



GOAL:

- To provide an area for staff dining and for relaxing

PROGRAM ACTIVITIES:

- Staff dining
- Relaxation

SPATIAL RELATIONSHIPS:

- Near Academic Classrooms
- Access to Main Corridor
- May be divided among floors

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, appropriate to task
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 40
- Electrical outlet for equipment
- Windows to provide natural light, desirable

CAPACITY:

- Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

STAFF LOUNGE

Administrative Support

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Tile carpet	096813	F1 Casework:	
Linoleum	096516	Base/wall cabinets	123200
Shower: Ceramic mosaic tile	093013	F2 24" x 60" mirror	102800
Base:		F3 Toilet tissue dispenser	102800
Resilient base	096519	F4 36" and 42" grab bars	102800
Shower: Ceramic mosaic tile base	093013	F5 Soap dispenser	102800
Ceiling (8' high minimum):		F6 Towel dispenser	102800
Suspended, acoustical	095113	F7 Shower curtain with rod	102800
Shower: Painted portland cement plaster	092400 / 099123	F8 ADA shower accessories	102800
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted gypsum wallboard over metal studs	092116 / 099123	Fire suppression system	
Shower: Ceramic tile	093013	<u>Plumbing:</u>	Div. 22
<u>Loose Furnishings:</u>		Plumbing connections	
L1 3 square tables		Wall-mounted lavatory	
L2 10 chairs		Wall-mounted water closet	
L3 3 lounge chairs		Floor drains - in restroom and shower	
L4 2 end tables		<u>HVAC:</u>	Div. 23
L5 2 table lamps		Supply/return air system	
<u>Communications:</u>	Div. 27	Exhaust air system	
T1 Video port, monitor, VCR/DVD, and brackets		Independent temperature control	
T2 Voice port and phone		<u>Electrical:</u>	Div. 26
T3 2 data ports		Duplex receptacles	
T4 Cable/MATV port		TVSS protected quad receptacle adjacent to each data and video port	
<u>Miscellaneous:</u>		Multilevel switching	
M1 2 microwaves		Fluorescent lighting	
M2 Refrigerator with ice maker		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

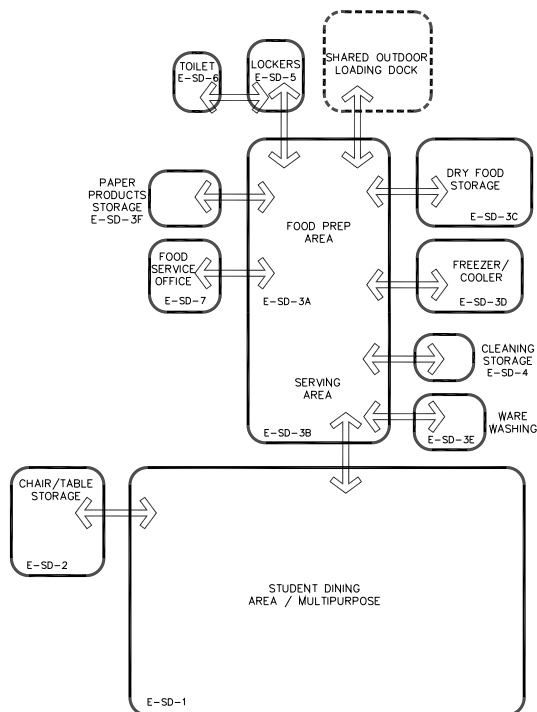
NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

Dinning and Food Services

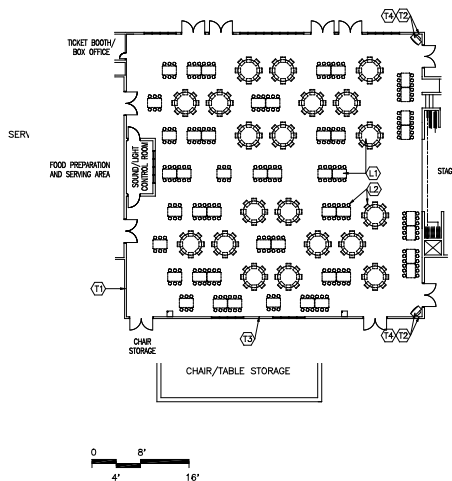
Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Student Dining Area/Multi-purpose	1	1700	1700	Or 'as is'
Chair and Table Storage	1	200	200	
Servery	1	300	300	
Kitchen			0	
Prep area	1	400	400	
Dry Storage	1	150	150	
Freezer & Cooler	1	150	150	
Ware washing	1	75	75	
Paper Storage	1	75	75	
Toilet/Lockers	1	75	75	
Cleaning Storage	1	50	50	
Food Service Office	1	100	100	
Total			3275	

Comments: The overall total for the Dining and Food Services area may be + or – 15%.



STUDENT DINING AREA / MULTIPURPOSE

SD-1



CAPACITY:

- 1/3 of students per lunch period
- 1/3 of staff members per lunch
- Community (after hours)

ANCILLARY SPACES

- Chair/Table Storage (SD-2)
- Food Preparation Area (SD-4)

GOALS:

- To provide a pleasant atmosphere for students to eat meals
- To provide a flexible meeting space for groups if needed

PROGRAM ACTIVITIES:

- Student dining
- School and community programs, meetings, and activities

SPATIAL RELATIONSHIPS:

- Adjacent and access to Food Preparation Area
- Adjacent and access to Chair/Table Storage
- Centrally located to office area, gymnasium, classrooms, and media center

ENVIRONMENTAL CONSIDERATIONS:

- Lighting appropriate to tasks
 - Adequate ventilation
 - Electrical outlets for equipment along perimeter walls and on columns
 - Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
 - Higher than normal ceiling height
 - Cleanable building surfaces
 - Windows to provide ample natural light
 - Good sight lines to all areas of the room for supervision
 - Window treatment to darken room for AV presentation
 - Outlets and data ports for salad bar/POS
- Flush to ground with cover
- Cold filtered water

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

STUDENT DINING / MULTIPURPOSE

SD-1

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		N/A	
Resilient Tile	096766		
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling: (15' high minimum)		<u>Plumbing:</u>	Div. 22
Suspended, acoustical	095113	Cold filtered water with bubbler and water bottle spout	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
Acoustical wall treatment	098400	Independent temperature control	
<u>Loose Furnishings:</u>		Air conditioning	
L1 Tables and seating to accommodate 1/3 of school capacity (266 for lunch)			
<u>Miscellaneous:</u>		<u>Electrical:</u>	Div. 26
M1 Audio system		Duplex receptacles	
		Vending Machines	
		TVSS protected quad receptacles	
		adjacent to each data and video port	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Student dining sound system ²	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 2 cable/MATV ports	
		T2 4 data ports	
		T3 Voice port and phone	
		T4 2 video ports, monitors, VCRs/DVDs, and brackets	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

CHAIR / TABLE STORAGE**SD-2**

CAPACITY:
N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Student Dining Area/Multipurpose (M-SD-1)

GOAL:

- To provide convenient storage of dining chairs and tables to be used for meetings and performances

PROGRAM ACTIVITY:

- Storage

SPATIAL RELATIONSHIPS:

- Adjacent and access to Student Dining Area/Multipurpose

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Cleanable building surfaces
- Accessibility for moving furniture in and out

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

CHAIR / TABLE STORAGE

SD-2

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Trulo flooring	096519	N/A	
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Chairs		Duplex receptacles	
L2 Chair dollies		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

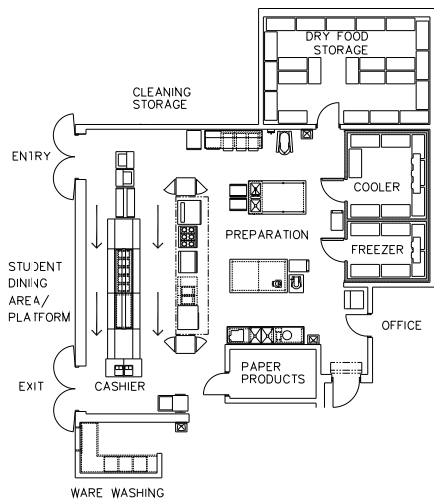
1. Finishes/Features: Refer to Chapter 8 for specification references.

COOKING KITCHEN

This space consists of the following areas:

Food Preparation Area	400
Dry Food Storage	150
Freezer & Cooler	150
Ware Washing	75
Paper Storage	75
Lockers	75
Toilet	50
Food Service Office	100
	1075

A space plate follows for each of these areas.

**CAPACITY:**

- Students
- Staff
- Community

ANCILLARY SPACES:

- Student Dining Area/Multipurpose (E-SD-1)

GOAL:

- To provide an area for the preparation of student and staff meals

PROGRAM ACTIVITIES:

- Prep food (food delivered from milk, grocery, and produce vendors)
- Serve food
- Storage
- Point of sale (in the dining area associated with the serving area)

SPATIAL RELATIONSHIPS:

- Near loading dock to permit semi-tractor trailers access to docking and storage areas (site specific)
- Adjacent and access to Student Dining Area/Multipurpose
- Near dumpsters
- Cafeteria serving arrangement

ENVIRONMENTAL CONSIDERATIONS:

- Food service department, public health
- Trullo flooring
- Proper ventilation of space to remove cooking odors
- Cleanable building surfaces

Hand sinks in each area of service, production, dishwashing, serving.

Paper towel dispensers need to be uniform with the rest of the school for ordering purposes.

Soap dispensers need to be uniform with schools for ordering purposes.

Space for recycling

NOTES:

1. This is an example of a kitchen. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

FOOD PREPARATION AREA**CAPACITY:**

- Staff

SIZE:

- Varies, see table

GOAL:

- To prepare student meals

PROGRAM ACTIVITIES:

- Prepare food

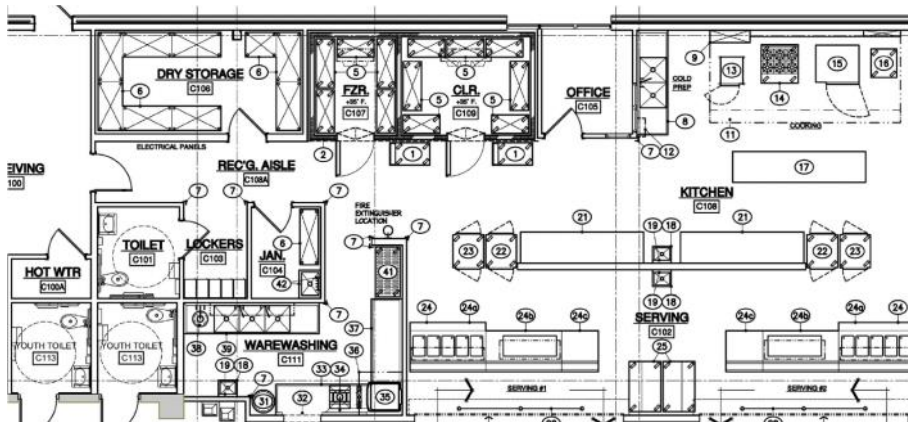
SPATIAL RELATIONSHIPS:

- Adjacent to Student Dining Area/Multipurpose
- Open to Serving Area

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Proper ventilation of space to remove cooking odors
- Cleanable building surfaces
- Electrical/plumbing/mechanical connections for food service equipment
- Towel dispensers, Soap dispensers, trash cans

This is an example of a preparation area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.



DCPS Educational Specifications

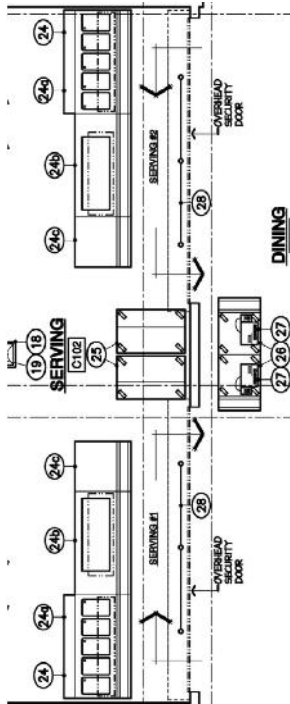
Van Ness Elementary School

FOOD PREPARATION AREA

	Spec. Ref.#		Spec. Ref.#
<u>Finishes</u> ¹ :			
Flooring:			
Easy clean, non-slip flooring - Single surface poured or rolled flooring		<u>Fire Suppression</u> :	Div. 21
		Fire suppression system	
Base:		<u>Plumbing</u> : Div. 22	
Resilient base	096519	Connections to food service equipment	
Ceiling:		Plumbing and gas connections	
Cleanable, suspended, acoustical	095113	Hand washing lavatory	
Walls:		Floor drains	
Epoxy-painted concrete masonry units		Food preparation sink with adjacent trash bin	
Water areas of kitchen, eg. Dish room, pot sink area.	042000 / 099123	<u>HVAC</u> : Div. 23	
		Supply/return air system	
<u>Features</u> (Specifications from DCPS):		Independent temperature control	
Equipment:		Kitchen canopy exhaust system	
• Pot washing sinks		Air conditioning	
• Food Preparation Sinks		<u>Electrical</u> : Div. 26	
• Hand Sinks with adjacent trash bin		Duplex receptacles	
• Work Tables		Connections to food service equipment	
• Warming/Holding/Cabinets		Single-level switching	
• Refrigeration - Reach-ins		Fluorescent lighting	
• Storage shelving		Illumination level: See Table 7600-16	
• Mop washing sink		Clock	
• Lockable chemical station		Central sound system	
• Exhaust Hood Systems, including Fire Suppression		<u>Communications</u> :	
• Combi oven		N/A	
• Convection steamer		<u>Electronic Safety and Security</u> :	Div. 28
• Convection Oven		Life safety devices per code	
• Tabletop can opener		<u>Miscellaneous</u> :	
• Range, with oven, convection base		N/A	
• Ware Washing Machine with appropriate accessories (tables, booster heater, disposer, etc.)			

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

SERVING AREA**E-SD-3B****GOAL:**

- To provide serving station for those seeking meals or snacks

PROGRAM ACTIVITIES:

- Serve food

SPATIAL RELATIONSHIPS:

- Within Student Dining Area/Multipurpose or Food Preparation Area
- Beginning of serving line should be near entry door of Students Dining Area/Multipurpose
- Adjacent and access to Student Dining Area/Multipurpose
- Open to Food Preparation Area

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Cleanable building services
- Electrical connections for food service equipment

CAPACITY:

- Students
- Staff
- Community

ANCILLARY SPACES:

- Student Dining Area/Multipurpose (E-SD-1)
- Kitchen (E-SD-3)

NOTES:

1. This is an example of a serving area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.
2. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

SERVING AREA		E-SD-3B	
<u>Finishes¹:</u>	Spec. Ref.#	<u>Features¹:</u>	Spec. Ref.#
Flooring:		Fixed Equipment:	
Quarry tile	093000	Drop-In Individually Controlled Heated Electric Food Wells, Full Service Sneeze Guard with overself may use existing milk box or a new airtight refrigerator for beverages. Size of equipment and number of are determined by space available. A Drop-In Self-Contained Refrigerated Cold Pan will also be included for side items. Counter and sneeze guards are lower than normal for better viewing and service to elementary students.	
Base:			
Quarry tile base	093000		
Ceiling:			
Cleanable, suspended, acoustical	095113		
Walls:			
Epoxy-painted concrete masonry units	042000 / 099123		
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
N/A		Supply/return air system	
		Independent temperature control	
<u>Miscellaneous:</u>		Kitchen canopy exhaust system	
Cash registers at end of point of service		Air conditioning	
		<u>Electrical:</u>	Div. 26
<u>Fire Suppression:</u>	Div. 21	Single-level switching	
Fire suppression system		Fluorescent lighting	
		Illumination level: See Table 7600-16	
<u>Plumbing:</u>	Div. 22	Central sound system	
Connections to food service equipment		Duplex receptacles along permanent perimeter walls	
Plumbing and gas connections		Electrical supply to support equipment specified	
Hand washing lavatory		Clock	
Floor drains		Circuits for portable generator	
		TVSS protected quad receptacle adjacent to data and video ports	
		<u>Communications:</u>	Div. 27
		T1 1 voice port and phone	
		T2 2 data ports at cash registers or per salad bar	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

**DRY FOOD STORAGE
E-SD-3C**

<p>CAPACITY: N/A</p> <p>SIZE: <ul style="list-style-type: none"> Varies, see table </p> <p>ANCILLARY SPACES: <ul style="list-style-type: none"> Warming Kitchen (E-SD-3) </p>	<p>GOAL:</p> <ul style="list-style-type: none"> To provide an area for food storage Provide storage for breakfast bags <p>PROGRAM ACTIVITIES:</p> <ul style="list-style-type: none"> Storage <p>SPATIAL RELATIONSHIPS:</p> <ul style="list-style-type: none"> Near Supply Storage/Receiving Adjacent and access to Food Preparation Area <p>ENVIRONMENTAL CONSIDERATIONS:</p> <ul style="list-style-type: none"> Uniform lighting Cleanable building surfaces Adequate exhaust/ventilation
---	--

NOTES:

- This is an example of a dry food storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

DCPS Educational Specifications

Van Ness Elementary School

DRY FOOD STORAGE

E-SD-3C

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Trulo flooring	093000	F1 Rust-resistant 24" deep shelving and dunnage racks	
Base:		Leave space for breakfast bags on portable	
Quarry tile base	093000	<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Cleanable, suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Epoxy-painted concrete masonry units	042000 / 099123	Supply/return air system	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Fire alarm devices per code	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

FREEZER AND COOLER**E-SD-3D****GOAL:**

- To provide space for manufactured freezer and refrigerator units to store food for short periods of time

PROGRAM ACTIVITIES:

- Storage
- Walk-in type

SPATIAL RELATIONSHIPS:

- Adjacent and access to Food Preparation Area
- Near the Supply Storage/Receiving

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Ventilation for refrigeration machinery equipment
- Cleanable building surfaces
- Floor to be flush with adjacent kitchen floor
- Electrical service for refrigeration equipment

Freezer/coolers need to be connected to the generator.

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (E-SD-3)

NOTES:

1. This is an example of a freezer and cooler. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools' Food Service Department. generally, deliveries occur once a week.

DCPS Educational Specifications

Van Ness Elementary School

**FREEZER AND COOLER
E-SD-3D**

	<u>Spec. Ref.#</u>		<u>Spec. Ref.#</u>
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Poured Resin Floor		F1 Rust resistant 24" deep shelving and dunnage racks	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Manufactured insulated panel	114000	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Manufactured insulated panel	114000	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Manufactured insulated panel	114000	Exhaust air system for compressors	Div. 15
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Electrical connections to freezer/cooler refrigeration equipment	
		Single-level switching	
		Incandescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

Ware Washing**E-SD-3E****GOAL:**

- To clean food service equipment

PROGRAM ACTIVITY:

- Space and equipment to scrape, wash, dry, and store food service equipment

SPATIAL RELATIONSHIPS:

- Pass-through into Student Dining Area/Multipurpose
- Adjacent and access to Food Preparation Area

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Proper ventilation of space to remove steam and condensation
- Cleanable building surfaces

CAPACITY:
N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (E-SD-3)

NOTES:

1. This is an example of a ware washing area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools' Food Service Department.

DCPS Educational Specifications

Van Ness Elementary School

WARE WASHING

E-SD-3E

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Food service equipment	114000
Base:			
Quarry tile base	093000		
Resilient base	096519	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
Ceiling:			
Cleanable, suspended, acoustical	095113	<u>Plumbing:</u> Div. 22	
Walls:		Lavatory	
Epoxy-painted concrete masonry units	042000 / 099123	Connections to food service equipment	
		Three compartment sink	
		Floor drain	
<u>Loose Furnishings:</u>		<u>HVAC:</u> Div. 23	
Racks for drying and storing		Supply/return air system	
Carts for trays		Independent temperature control	
		Exhaust hood system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Connections to food service equipment	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

PAPER PRODUCTS STORAGE**E-SD-3F****GOAL:**

- To provide storage for paper products used in preparing and serving meals
- To provide storage for food program equipment (BIC, FFVP, and Early Childhood)

PROGRAM ACTIVITIES:

- Lockable space

SPATIAL RELATIONSHIPS:

- Adjacent and access to Food Preparation Area

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate exhaust/ventilation
- Cleanable building surfaces

CAPACITY:

N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (E-SD-3)

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

PAPER PRODUCTS STORAGE

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Trulo flooring	096519	F1 Rust-resistant shelving	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519		
Ceiling:		<u>Plumbing:</u>	
Cleanable, suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Epoxy-painted concrete masonry units	042000 / 099123	Exhaust air system	
		Supply/return air system	
		Independent temperature control	
<u>Loose Furnishings:</u>			
N/A			
		<u>Electrical:</u>	Div. 26
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

CLEANING STORAGE**E-SD-4****GOAL:**

- To store chemicals used in cleaning and maintaining kitchen

PROGRAM ACTIVITIES:

- Storing chemicals and equipment

SPATIAL RELATIONSHIPS:

- Adjacent and access to Kitchen

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Cleanable building surfaces
- Sensors for spilled chemicals
- Adequate exhaust/ventilation

CAPACITY:

- Food service staff

SIZE:

- 50 SF

ANCILLARY SPACES:

- Kitchen (E-SD-3)

NOTES:

1. This is an example of a cleaning storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.
2. Loose furnishings and features shown represent one of many possible arrangements.

LOCKERS**E-SD-5****GOAL:**

- To provide space for the food service staff to store their personal belongings and to change their clothing

PROGRAM ACTIVITIES:

- Space for the storage of towels, aprons, etc.
- Space to allow food staff personnel to take breaks

SPATIAL RELATIONSHIPS:

- Adjacent and access to Kitchen
- Adjacent and access to Toilet

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 40
Ceiling minimum: CAC 35

CAPACITY:

- Food service personnel

SIZE:

- 75 SF

ANCILLARY SPACES:

- Kitchen (E-SD-3)
- Toilet (E-SD-6)

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

LOCKERS

E-SD- 5

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Trulo flooring	096519	F1 Lockers	105113
		12" wide x 12" deep x 72" high	
Base:		F2 Tack board (4 LF)	101100
Quarry tile base	093000		
Resilient base	096519		
Ceiling:		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u>	
Painted concrete masonry units		N/A	
	042000 / 099123		
<u>Loose Furnishings:</u>		<u>HVAC:</u> Div. 23	
L1 Chairs		Exhaust air system	
L2 30" x 60" table		Supplemental heat as required	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

TOILET**E-SD-6****PROGRAM ACTIVITIES:**

- Personal and health needs for food service staff
- Changing clothing

SPATIAL RELATIONSHIPS:

- Adjacent and access to lockers
- Near Kitchen

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 40
 - Ceiling minimum: CAC 35
- Moisture- and stain-resistant finishes
- Adequate exhaust/ventilation

CAPACITY:

- Food service personnel

SIZE:

- 50 SF

ANCILLARY SPACES:

- Lockers (E-SD-5)

NOTES:

DCPS Educational Specifications

Van Ness Elementary School

**TOILET
E-SD-6**

	Spec. Ref.#	Features ¹ (consistent with rest of school):	Spec. Ref.#
Finishes ¹ :			
Flooring:			
Trulo flooring	093000	Fixed Equipment:	
		F1 Towel dispenser	102800
Base:		F2 24" x 60" mirror	102800
Quarry tile base	093000	F3 Toilet tissue holder	102800
Resilient base	096519	F4 36" and 42" grab bars	102800
		F5 Soap dispenser	102800
Ceiling:		F6 Sanitary dispenser	102800
Suspended, acoustical	095113	F7 Sanitary disposal (with cover)	102800
		F8 Coat hook	102800
Walls:			
Painted concrete masonry units	042000 / 099123	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
<u>Loose Furnishings:</u>			
N/A		<u>Plumbing:</u> Div. 22	
		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		Floor drain	
		<u>HVAC:</u> Div. 23	
		Exhaust air system	
		Supplemental heat as required	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

**OFFICE
E-SD-7**

<p>CAPACITY:</p> <ul style="list-style-type: none">• Food service manager• Food service staff <p>SIZE:</p> <ul style="list-style-type: none">• 100 SF <p>ANCILLARY SPACES:</p> <ul style="list-style-type: none">• Kitchen (E-SD-3)	<p>GOAL:</p> <ul style="list-style-type: none">• To provide an area to keep records and conduct business <p>PROGRAM ACTIVITIES:</p> <ul style="list-style-type: none">• Scheduling• Staff evaluations/discipline/meetings <p>SPATIAL RELATIONSHIPS:</p> <ul style="list-style-type: none">• Adjacent and access to kitchen <p>ENVIRONMENTAL CONSIDERATIONS:</p> <ul style="list-style-type: none">• Uniform lighting• Environmental sound control:<ul style="list-style-type: none">Wall minimum: STC 40Ceiling minimum: CAC 35• Electrical outlets for equipment• View of the kitchen
--	---

NOTES:

DCPS Educational Specifications

Van Ness Elementary School

FOOD SERVICE OFFICE

E-SD-7

Finishes ¹ :	Spec. Ref.#	Features ¹ :	Spec. Ref.#
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Tack board (4 LF)	101100
Base:		Fire Suppression:	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519		
Ceiling:		Plumbing:	
Suspended, acoustical	095113	N/A	
Walls:		HVAC:	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
		Independent temperature control	
Loose Furnishings:		Electrical:	Div. 26
L1 Desk		Duplex receptacles	
L2 Four-drawer file cabinet		TVSS protected quad receptacle	
L3 Computer workstation		adjacent to data and	
L4 Ergonomic task chair		video port	
L5 Adjustable height bookshelves (12 LF)		Single-level switching	
L6 Printer table		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		Communications:	Div. 27
		T1 Voice port and phone	
		T2 Data port near workstation	
		T3 Data port for printer	
		Electronic Safety and Security:	Div. 28
		Life safety devices per code	
		Miscellaneous:	
		M1 Computer	
		M2 Printer	
		Bulletin board	

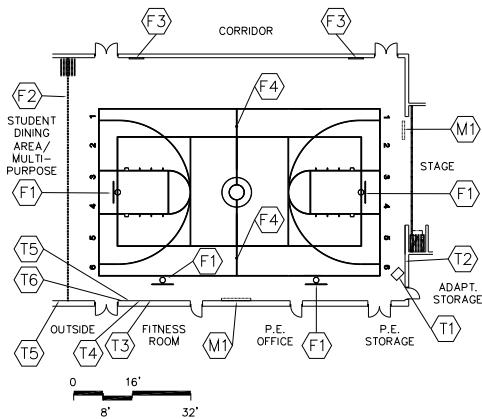
NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.

PHYSICAL EDUCATION AND ASSEMBLY

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
PE/Assembly	1	3,000	3,000	Or 'as is'
Stage	1	800	800	
Chair and Table Storage	1	200	200	
PE Storage	1	150	150	
PE Office	1	100	100	
Total			4,250	

Future addition: Indoor play space for early childhood 1800 SF

**CAPACITY:**

- 20-24 students per class
- Teacher
- Parents and community members for meetings
- Assemblies to accommodate at least 1/2 of the student body

SIZE:

- Varies, see table

ANCILLARY SPACES:

- P.E. Office (E-PE-2)
- P.E. Storage (E-PE-4)
- Stage (E-PE-5)

GOALS:

- To provide space for P.E. classes to meet
- To provide space for students to present performances

PROGRAM ACTIVITIES:

- Athletic skills and leader games
- Adaptive physical education
- Student assemblies and programs
- Lectures/Teaching
- Community use

SPATIAL RELATIONSHIPS:

- Near public restrooms, with easy access
- Access to outdoor physical education play areas
- May be adjacent to Student Dining Area with folding wall between
- Near visitor parking
- Located with easy access to rest of school, but must be able to close off area for security during evening activities
- Adjacent and access to P.E. Office
- Adjacent and access to P.E. Storage
- Adjacent and access to Stage

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
Wall minimum: STC 50
- Adequate sound control/acoustics
- Clear height of 20' from floor to nearest obstruction
- Electrical outlets for equipment
- Drinking fountain in adjacent area
- Structure, lighting, and ducts designed not to trap P.E. balls
- Ceiling heights should be proportional to room volume

NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.
2. This size space will not accommodate a full-size basketball court.

DCPS Educational Specifications

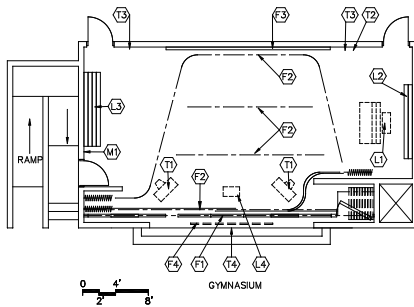
Van Ness Elementary School

PE/ Assembly Room

<u>Finishes</u> ¹ :	Spec. Ref.#	<u>Features</u> ¹ :	Spec. Ref.#
Flooring:		Fixed Equipment:	
Wood strip flooring for athletic applications or	096466	F1 Basketball backstops, adjustable height (ceiling hung or portable)	116600
Resilient athletic flooring	096566	F2 Operable partition, motorized	102226
		F3 Chin-up bars	116600
		F4 Volleyball standards	
Base:		<u>Fire Suppression</u> :	Div. 21
Vented resilient base	096466	Fire suppression system	
Ceiling:		<u>HVAC</u> :	Div. 23
Painted exposed structure on acoustical deck	099923	Supply/return air system	
Walls:		Independent temperature control	
Painted concrete masonry units	042000 + 099123	<u>Electrical</u> : Div. 26	
Acoustical wall treatment	098400	Duplex receptacles	
And/or sound absorbing concrete masonry units	042000	TVSS protected quad receptacle adjacent to each data and video port	
<u>Communications</u> :	Div. 27	Electrical connections to P.E. equipment where necessary	
T1 Video/cable/MATV port		Single-level switching	
T2 Voice port and phone		High intensity discharge lighting	
T3 Microphone port		Illumination level: See Table 7600-16	
T4 Intercom		Means of egress lighting per code	
T5 Outside microphone ports/portable System (wireless mics)		Clock	
T6 Data port		Central sound system	
Jacks for sound system		Gymnasium sound system	
<u>Electronic Safety and Security</u> :	Div. 28	Provide wire guards on light fixtures and electrical devices	
Life safety devices per code			

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

STAGE**E-PE-5****CAPACITY:**

- Students
- Teachers
- Parents/volunteers
- Community members

SIZE:

- 800 SF

ANCILLARY SPACES:

- PE/Assembly (E-PE-1)

GOAL:

- To provide space for students to present performances

PROGRAM ACTIVITIES:

- Student assembly/award programs
- Theatrical/musical performances
- In-service conferences

SPATIAL RELATIONSHIPS:

- Near music rooms with ramp access

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Stage to be no more than 21" above gymnasium floor
- Direct and convenient access to stage via stairs/ramps

NOTES:

2. Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

STAGE

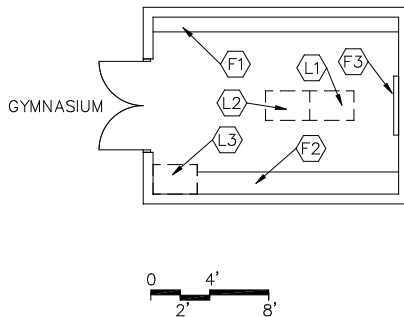
E-PE-5

CHAPTER 4: ELEMENTARY SCHOOLS

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Wood strip flooring for athletic applications	096466	F1 Operable partition, manual	102226
Base:		F2 Theatre and stage equipment	116143
Vented	096466	F3 Mirror	088000
Ceiling:		F4 Motorized projection screen	115213
Suspended, acoustical	095113		
Or painted exposed structure	099123	<u>Fire Suppression:</u>	Div. 21
Walls:		Fire suppression system	
Painted concrete masonry units	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
L1 Piano		Fire protection system	
(secure storage required)			
L2 Portable dance barriers		<u>HVAC:</u> Div. 23	
L3 Mobile folding risers		Supply/return air system	
L4 Podium		Independent temperature Control	
<u>Miscellaneous:</u>		<u>Electrical:</u> Div. 26	
M1 Handheld and lavalier microphones		Duplex receptacles	
<u>Communications:</u>	Div. 27	3 to be located in apron at front of stage	
T1 2 video port, monitor, VCR, and bracket		TVSS protected quad receptacle adjacent to each data and video port	
T2 Voice port and phone		Multilevel switching	
T3 2 data ports on stage		Fluorescent lighting	
T4 Data port in center of stage apron		Illumination level: See Table 7600-16	
Cable/MATV Port		Clock	
<u>Electronic Safety and Security:</u>	Div. 28	Adjustable lighting tracks for front of stage, center of stage, and back of stage	
Life safety devices per code		Central sound system	
		1 microphone jack to be located in apron at front of stage	

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Piano shall be securely stored in adjacent storage room.

**GOAL:**

- To provide convenient storage for all physical education equipment

PROGRAM ACTIVITIES:

- Storage

SPATIAL RELATIONSHIPS:

- Adjacent and access to Gymnasium

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Leave space below shelving on one wall for portable bins

CAPACITY:

- 1-2 teachers
- Student teachers

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Gymnasium (E-PE-1)

NOTES:

Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

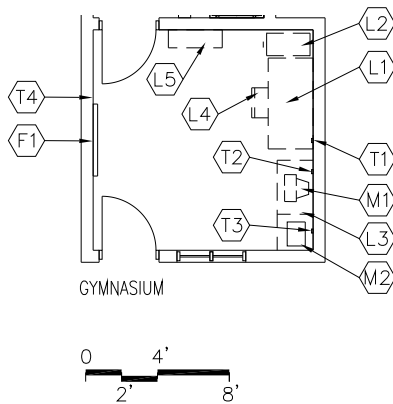
Van Ness Elementary School

P.E. STORAGE

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving: 12" deep	105613
Base:		F2 Storage shelving: 18" deep	105613
Resilient base	096519	F3 Pegboard (4 LF)	101100
Ceiling:		<u>Fire Suppression:</u>	Div. 21
Exposed structure, painted	099123	Fire suppression system	
Walls:		<u>Plumbing:</u>	
Painted concrete masonry units	042000 / 099123	N/A	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
L1 Tumbling mats		Supply/return air system	
L2 Ball bins			
L3 Play equipment			
		<u>Electrical:</u>	Div. 26
		Duplex receptacles	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references.

**GOAL:**

- To provide a work area for physical education faculty and staff to conduct administrative duties

PROGRAM ACTIVITIES:

- Ordering
- Scheduling
- Planning
- Maintaining records
- Meetings

SPATIAL RELATIONSHIP:

- Adjacent and access to Gymnasium
- Near restrooms

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

CAPACITY:

- 1-2 teachers
- Student teachers

SIZE:

- 250 SF

ANCILLARY SPACES:

- PE/Assembly (E-PE-1)

NOTES:

- Loose furnishings and features shown represent one of many possible arrangements.

DCPS Educational Specifications

Van Ness Elementary School

P.E. OFFICE

E-PE-2

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Tack board (4 LF)	101100
		F8 Coat hook	102800
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:			
Acoustical, suspended	05113		
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units		Supply/return air system	
042000 / 099123		Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Amin. workstation		Duplex receptacles	
L2 Four-drawer file cabinet		Single-level switching	
L4 Ergonomic task chair		TVSS protected quad receptacle	
L5 Adjustable height bookshelves (12 LF)		adjacent to data port	
		Fluorescent lighting	
		16500	
<u>Miscellaneous:</u>		Illumination level: See Table 7600-16	
M1 Computer		Central sound system	
M2 Printer			
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port near teacher workstation	
		T3 Data port for printer	
		T4 Cable/MATV port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

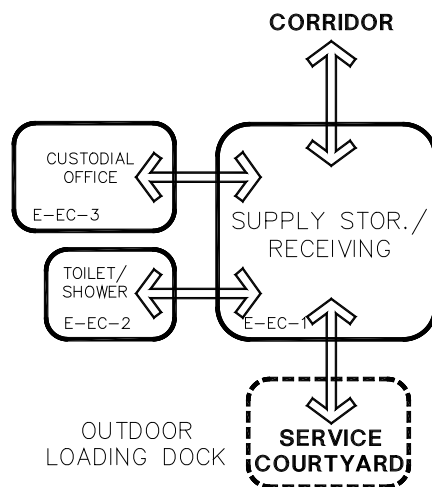
NOTES:

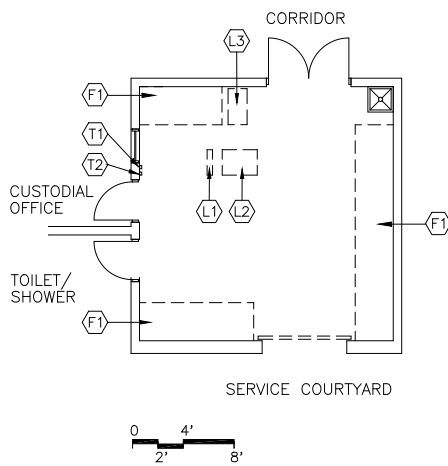
1. Finishes/Features: Refer to Chapter 8 for specification references.

ENGINEERING AND CUSTODIAN

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Supply Storage / Receiving	1	350	350	
Toilet/Shower	1	100	100	
Custodial/Engineer Office	1	150	150	
Total			600	

Comments: The overall total for the Engineering and Maintenance area may be + or – 5%.



SUPPLY STORAGE/RECEIVING**E-EC-1****CAPACITY:**

- Maintenance personnel

SIZE:

- 350 SF

ANCILLARY SPACES:

- Toilet/Shower (E-EC-2)
- Custodial Office (E-EC-3)

GOAL:

- To serve as the central point for delivery and shipping of bulk commodities and equipment and provide adequate storage for supplies and materials

PROGRAM ACTIVITIES:

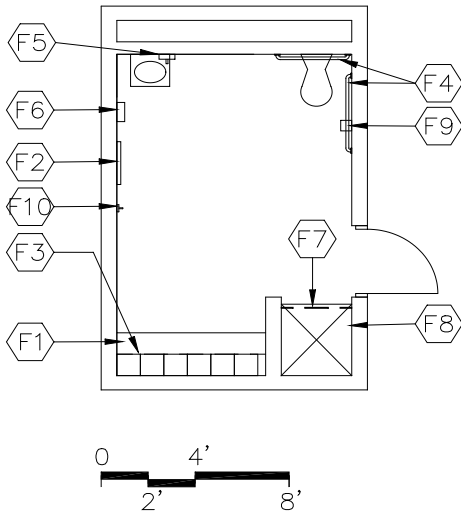
- Loading and unloading
- Storage of furniture, materials for special events, paper, and general supplies

SPATIAL RELATIONSHIPS:

- Adjacent and access to loading dock area and service courtyard
- Access to main corridor
- Adjacent and access to Custodial Office
- Adjacent and access to Toilet/Shower

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Supplemental heating source
- Double door with removable mullions
- Overhead door to service courtyard

**GOAL:**

- To provide a private toilet and shower facilities for maintenance and custodial staff

PROGRAM ACTIVITIES:

- Showering
- Changing clothes

SPATIAL RELATIONSHIPS:

- Adjacent and access to Supply Storage/Receiving

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Must be handicapped accessibility
- Improved exhaust capabilities

CAPACITY:

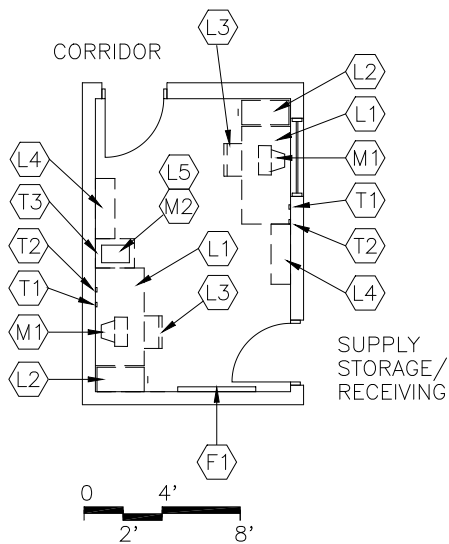
- Maintenance and custodial staff

SIZE:

- 100 SF

ANCILLARY SPACES:

- Supply Storage/Receiving (E-EC-2)

CUSTODIAL OFFICE**E-EC-3****GOAL:**

- To provide an area for the maintenance manager, staff, and building engineer to provide supervision of the physical plan

PROGRAM ACTIVITIES:

- Conferences with staff and other visitors
- Telephone calls
- Paperwork

SPATIAL RELATIONSHIPS:

- Adjacent and access to Supply Storage/Receiving
- Access to corridor

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Visual control from Supply Storage/Receiving

CAPACITY:

- Maintenance and custodial staff
- Building engineer

SIZE:

- 150 SF

ANCILLARY SPACES:

- Supply Storage/Receiving (E-EC-2)

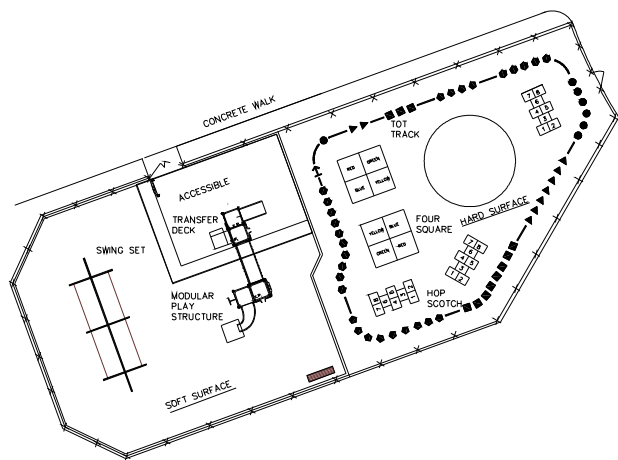
PLAYGROUNDS

AREA REQUIRED

1. Provide playground areas to allow for difference in age, ability, and varying interests.
2. Follow applicable safety guidelines for different age groups.

Pre-kindergarten to grade 1 play area. See Figure B-1.

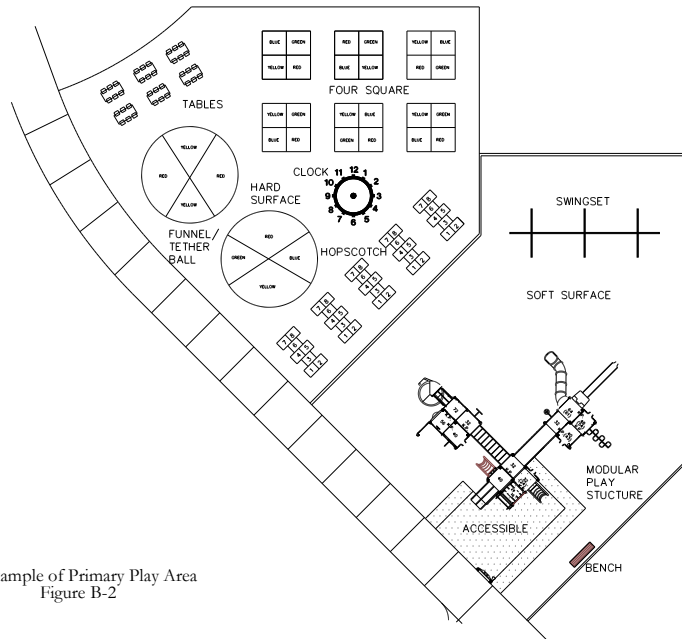
- a. Plan for accessible and inclusive play activities that include rocking, swinging, balancing, climbing, and sliding.
- b. Include tables and chairs for age group
- c. Locate equipment with moving parts, such as swings, at the perimeter of the play area and away from entrances/gates.



Example of Pre-kindergarten to Grade 1 Play Area
Figure B-1

Primary Play Area (See Figure B-2)

- a. Design for grades 1 through 5.
- b. Plan for accessible and inclusive play activities that include rocking, swinging, balancing, climbing, and sliding.
- c. Plan for upper-body strengthening devices such as a parallel bar and overhead ladder play equipment.



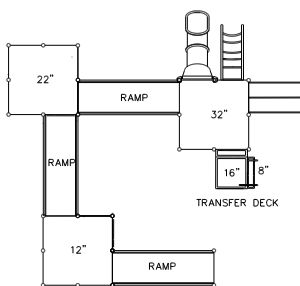
Example of Primary Play Area
Figure B-2

PLAY AREA

1. Soft surfaces are provided under play equipment and must be handicapped accessible.
2. Surfacing is to be a poured polyurethane surface or play turf. Avoid using black surfacing.

Commented [DU1]: will only have room for two play areas.
Can accommodate all needs in those spaces.

ACCESSIBILITY STANDARDS



1. Plan for ramps and/or transfer points on composite play structures for access to play components on elevated decks. Should exceed the Americans with Disabilities Act guidelines for percentage of components that are to be accessible by ramp and by transfer deck. See Figure E-1 and include play events at ground level. Some play events will be inclusive.
2. Provide table and benches along accessible route.
3. Provide upper-body strengthening devices as appropriate for age group and amount of supervision.

Typical Ramp and Transfer Deck
Figure E-1